CONSTRUCTION NEWS

Engineering News-Record, Aug. 13, 1925

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded, are the following big jobs:

Proposed Work

Paper Mill Quebec, Que., Anglo-Canadian Pulp & Paper Co. having plans prepared, for unit mill, $15,000,000.

Irrigation, Cotulla, Tex., Cotulla Irrigation Dist. having plans revised, $7,000,000.

Office, New York, N. Y., C. A. Gould having plans prepared, $5,000,000.

Court house, St. Louis, Mo., Bd. Pub. Service having preliminary plans prepared, $4,000,000.

Steam and power plant, Green Bay, Wis., North America Power Co. having preliminary plans prepared, $2,000,000.

Hotel, San Diego, Calif., Kass & Ruben plan building, $1,500,000.

Hospital, Boston, Mass., Homeopathic Hospital Bldg. Com. having plans prepared, $1,500,000.

Hospital, Roxbury, Mass., City of Boston, Hospital Dept. having plans prepared, $1,000,000.

Office, New York, N. Y., Estate E. N. Hoffman having plans prepared, $1,000,000.

Drainage, Okemah, Okla., Canadian D. D. 1 making preliminary plans, $1,000,000.

Bids Wanted On Big Jobs

Bank and office, New York, N. Y., Seamans Bank of Savings, soon takes bids, $5,000,000.

City hall and court house, Denver, Colo., Municipality takes bids in six months, $4,000,000.

Sewers, Niles Center, Ill., City soon takes bids on 2½ mi. laterals, $1,250,000.

Bridge, Chicago, Ill., City takes bids about Aug. 25, on bascule span, $1,200,000.

Large Contracts Let During Week

Office New York, N. Y., Eastern Office, Inc., to Todd, Robertson & Todd, $29,000,000.

Power house, Bagnell, Mo., Missouri Hydro Electric Power Co., t. Bickel Constr. Co., $12,000,000.

Apartment, New York, N. Y., Ninto Building Corp., by day labor, $1,500,000.

Apartment, Pittsburgh, Pa., J. M. Donn to Boyle Robertson Constr. Co., $1,000,000.

Waterworks

PROPOSED WORK

Mass., Nahant—Town plans water mains for fire purposes. $25,000. Bd. Selectmen, engrs.

Mass., Newton—Bd. Aldermen plan extending water mains in various streets. $25,025 appropriated.

La., Slidell—See "Sewers."

Ill., Fairfield — Voted $150,000 bonds waterworks plant and distribution mains between Little Wabash River and city. G. Dunbar, Chemical Bldg., St. Louis, Mo., engr. Noted June 11.

Ia., State Center—Defeated $50,000 bonds for water works system, at recent election. Noted Mar. 26.

Minn., Moorhead—Voted $50,000 bonds improving present water and light plant. Noted June 4.

Mo., Neosho—Defeated $30,000 bonds extending waterworks. Black & Veatch, 700 Mutual Bldg., Kansas City, engrs. Noted July 23.

Ark., Ozark—Making preliminary plans complete waterworks system. $70,000. W. L. Winters, 700 South 20th St., Fort Smith, engr.

Tex., Crystal City—Election soon to vote $25,000 bonds for new well, pumping equipment, etc.

Tex., Ennis—See "Sewers."

Okla., Blackwell — Having preliminary plans prepared water main extensions in Blackwell Heights, Sunset and South Additions. $65,000. W. Retzhaupt, Jr. engr.

Okla., Norman—S. N. Craig, Weleetha, having preliminary plans prepared water main extensions in Craig addition to Norman. $70,000. Engineer not selected.

Okla., Okeene—Election soon $15,000 bonds extending mains, incl. 6,900 ft. 4 to 8 in. c.i. pipe, motor driven triplex pump, valves, hydrants, etc. V. V. Long & Co., Oklahoma City, engrs. Former election defeated. Noted May 28.

Ariz., Mesa—Making plans improving waterworks. $80,000. A. A. Walland, Pueblo, Colo., engr. Noted Aug. 6.

Ontario—Towns of Thorold and Merritton plan combined filtration plant for water supply, $71,000, or separate plants, $98,000. E. H. Darling, Home Bank Bldg., Hamilton, engr.

Ont., Leaside—Plans installing about 9,000 ft. c.i. mains in Bayview and Close Aves., Donegal and McNorton Drs., Fleming Crescent, Cameron Crescent, etc. $25,000. D. J. Bell, Soudan Ave., engr.

BIDS DESIRED

N. Y., New York—Sept. 16, J. E. Bowe, comr., of Purchase, Municipal Bldg., furnishing, etc., stacking and storing c.i. pipe, special and valve box castings, valves and double nozzle fire hydrants, etc.

N. Y., St. George—Aug. 28 by N. J. Hayes, comr., Water Supply, Gas and Electricity, Municipal Bldg., New York City, pumping and generating plant, also new building at Clove Pumping Station, Richmond Boro.

Pa., Kennett Square—Aug. 24 by Council Chambers, W. E. Voorhees, secy., furnishing 2 centrifugal electrical control equipment for waterworks and pumping station, Albright & Mebus, 1502 Locust St., Phila., civil engineers; adv. E. N.-R. Aug. 6.

O., Cleveland—Aug. 19 by Comrs. Cuyahoga Co., 4,800 ft., of 6 and 8 in. c.i. mains in Lee Homes Subdivision and Langley Ave., Impvt. 565. F. Williams, Court House, engr.

O., Cleveland—Aug. 20 by City, mains in East 200th St., West 145th, 146th, West 167th, 168th, 170th and 172nd Sts., Kinkelaar Rd. N. W., Caldwell Ave. N. W., Mitchel Ave. N. W., Bartter Ave. N. W., Dorchester Blvd. N. E., East Park Drive, N. E., Tarrymore Rd. N. E., Fenwick Rd. N. E., Schenley Ave. N. E., Muskoka Ave. N. E., Hillgrove Ave. N. E., Sable Ave. N. E., Lasalle Ave. N. E., Edgerton Ave. N. E., Neff Rd. N. E., Martha Rd. S. W. R. Hoffman, City Hall, engr.

Ill., Mundelein—Sept. 10, by Village, 6 and 8 in. c.i. mains in various streets. $100,000. Kelker-Deleuw Co., 111 West Washington St., engrs.

Mich., Trenton—Aug. 17 by L. Frebes, clk., extending mains 17,097 lin.ft. 4- to 10-in. c.i. pipe.

Wis., Montfort—Aug. 17, by D. E. Smith, village clk., drilling deep well. To exceed $25,000.

Tex., Greenville—Aug. 24, by H. Rush, engr., P. O. Box 561, 900 m. g. reservoir, 1 3/4 mi. north of town, dam, 16 in. c.i. pressure line and one 12 m. g. g.p.d. pump, invol. (a) 530,000 yd. earth levee, sprinkle method, alternate on 440,000 yd. levee, ponded method, 115,000 yd. earth work diversion channel, 80,000 yd. earth work inflow channel, clearing, grading, etc., for city.

Okla., Elk City—Aug. 18, by L. A. Ross, city clk., new water supply consisting of earth dam, spillway, filter plant, basins, pumps, etc. Benham Engineering Co., Gumbel Bldg., Kansas City, Mo. $336,000.

BIDS RECEIVED

Mass., East Bridgewater—Bd. Water Comrs. about 6,552 ft. Class B. c.i. pipe (12 ft. lengths) f.o.b. East Bridgewater, from U. S. Cast Iron Pipe & Foundry Co., 71 Broadway, New York City, $53 per ton.

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas and Electricity, Municipal Bldg., New York City, water mains, etc., in Anabel and 14th Ave., from Stanby Constr. Co., Steinway Ave., $8,204, in 8th Ave., from S. Gallucci, Railroad Ave., Corona, $8,296. Noted July 30.

N. Y., New York—N. J. Hayes, comr., Water Supply, Gas & Electricity, Municipal Bldg., mains, etc., in Adee, Astor, and Barnes Aves., etc., from Melrose Constr. Co., 230 East 162d St., $1,500, in Baisley and Balcombe Aves., from C. DeBlasio, 339 7th Ave., Mt. Vernon, $15,974. Noted Aug. 6.

N. Y., New York — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains, etc., Aug. 4, in Corlear, Perry, Reservoir, Tibbett, Walton, Waynes Aves., etc., from Riverdale Water Works Corp., 355 East 113th St., $14,500, transformers, enclosures and electrical conduits for Oliver and Gansevoort St. High Pressure Fire Pumping Stations from Balaban Gordon Co., Inc., 116 West 39th St., $33,330. Noted July 30.

Md., Baltimore—Bd. Awards, tanks and hoppers, Contr. 75, from McNamara Bros., Kloman St., Westport, $27,531, also copper pipe from Mueller Mfg. Co., Decatur, Ill. $28,060.

O., Cleveland — Cuyahoga Co., water mains in Pleasant Valley Rd., Impvt. 82 from Great Lakes Constr. Co., B. F. Keith Bldg., $56,837. Noted July 23.

Mo., St. Louis—Bd. Pub. Service, 208 City Hall, rein.-con. covered reservoir between Old Bonomme and Watson Rds., from Missouri Engineering and Constr. Co., National Bank of Commerce, $1,088,616. Noted July 9.

Tex., Houston—O. F. Holcombe, mayor, 175 x 175 ft., rein.-con. 4 m.g. capacity reservoir, from L. L. Winans, 2824 Travis St., Ft. Worth, $138,000. J. C. McVea, city engr. Houston.

CONTRACTS AWARDED

N. Y. Brooklyn—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Hegeman, Narrows, Ralph and 8th Aves., etc., to Grippo Contg. Co., 85 Webster Ave., $12,400. Noted Aug. 6.

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in 5th Ave., etc. to Gregory Contg. Co., Inc. $7,364, Arcadia Ave. etc. to Riverdale Water Works Corp., 355 East 113th St., New York City. $7,000. Noted Aug. 6.

N. J., Moorestown—Township Comm. 200,000 gal. tank and 175,000 gal. water tower, to Pittsburgh-Des Moines Steel Co., Neville Island, Pittsburgh, Pa., $10,770 and $7,400 respectively. Water pipe to United States Cast Iron Pipe & Foundry Co., Morris Bldg., Phila. $43,290; valves and fire hydrants to R. D. Wood Co., 400 Chestnut St., Phila. $5,864.

Waterworks (Continued)

Md., Balutimore—Mayor and City Council, tanks and hoppers, Contr. 75 to McNamara Bros., Kloman St., Westport, $27,-531, also copper wire to Mueller Mfg. Co., Decatur, Ill., $28,060.

South Carolina—See "Streets and Roads."

S. C., New Brookland—City, concrete or terra cotta water mains and sewerage system here to Tucker & Laxton, Charlotte. About $30,000.

O., Cleveland—Cuyahoga Co., 7,600 ft., 6 to 12 in. c.i. water mains in Donald Ave., Mastic and Macbeth Rds, to Langahan Constr. Co., Marshall Bldg., $27,000.

O., Euclid—Village mains in 9 streets to Marra Constr. Co., Ulmer Bldg., Cleveland, $31,863. Noted June 11.

Ill., Lebanon—Force main and pump station, to J. M. Monie, 6182 Washington Ave., St. Louis, Mo., $8,907; pumping equipment, to Keystone Driller Co., Federal Reserve Bank Bldg., St. Louis, Mo., $4,250 and tank on tower, to Chicago Bridge & Iron Works, 105th and Throop Sts., Chicago, $8,400. Grand total $21,557. Noted Jan. 29.

Wis., Milwaukee — Central Bd. Purchases, 200 fire hydrants, to R. D. Wood & Co., 400 Chestnut St., Phila., Pa., at $83.50 each; 1,000 tons 6 and 1,000 tons 12 in. c.i. mains, to National Cast Iron Pipe Co., 122 South Michigan Blvd., Chicago, Ill., at $48.25 per ton; 207,145 lbs. special castings, to U. S. Cast Iron Pipe & Fdry. Co., 122 South Michigan Blvd., Chicago, Ill., at $84 per ton and one hundred and fifty 6- and twenty-five 12-in. gate valves, to Chapman Valve Mfg. Co., 111 West Washington St., Chicago, Ill., $5,530.

Wis., Rice Lake—City, for furnishing and installing 150,000 gal. steel tank to Pittsburgh-Des Moines Steel Co., Tuttle and 10th Sts., Des Moines, Ia., $16,600 and drilling well, to W. H. Carter Contg. Co., 2643 West Monroe St., Chicago, Ill., $5,000.

Ia., Corning—Middle Nodaway D.D., c/o C. T. Mercer, aud. Adams Co. 8.54 mi. drainage ditches invol. 543,727 cu.yd. excav. to Strom Constr. Co., Gary, approximately $45,000. Noted July 23.

Minn., Minneapolis—F. S. Gram, city purch. agt., to American Cast Iron Pipe Co., 712 Plymouth Bldg., 50,000 ft. 6 in. c.i. pipe at $0.895 per ft., 10,000 ft. 8 in., $1.30, 10,000 ft. 12 in., $2.05 and 5,000 ft. 16 in., $3,125. Noted June 18.

Neb., Omaha — Metropolitan Utilities Dist., T. A. Leisen, 206 City Hall, mgr., 21,970 ft. 48 in. Lockbar steel mains, to Robeck-Humphreys Co., Omaha, Neb., and 2,550 ft. 36 in. c.i. mains, to Halpine Boyle Constr. Co., 709 Ry. Exch. Bldg., Kansas City, Mo., total $800,000. Noted June 25.

Ark., Atkins—Deep well, pump and motor to Layne-Arkansas Co., Stuttgart, $9,000. Noted Jul. 2.

Mo., La Plata—City, general contract dam and waterworks, to Merkle Contg. Co., 504 Davison Bldg., Kansas City, $97,000; steel tank on tower, to Pittsburgh, Des Moines Co., 927 Tuttle Bldg., Des Moines, Ia., $8,-365; 5 pumps and motors to De Laval Steam Turbine Co., 404 Dwight Bldg., Kansas City, $4,197; 41 gate valves and boxes, to Ludlow Valve Mfg. Co., 1416 R. A. Long Bldg., Kansas City, $3,449; meters, to Badger Meter Mfg. Co., Interstate Bldg., Kansas City, at $10 each, fire fighting equipment, to Watrous Fire Engine Works, 80 Fillmore St., St. Paul, Minn., $1,300. Grand total to exceed $114,311.

B. C., Vancouver—Installing 32 and 36 in. steel riveted mains for Seymour Creek, to A. B. Palmer Co., 736 Granville St., Vancouver, $134,446.

Sewers

PROPOSED WORK

La., Slidell—Plans election $195,000 bonds for sewage disposal plant and complete waterworks system. A. D. Canulette, city mgr.

Ky., Fulton—Voted $70,000 bonds for 9 mi., 8- to 15-in. sanitary sewer, Imhoff tank, disposal plant, etc. F. L. Wilcox, 924 Chemical Bldg., St. Louis, engr. Noted July 16.

O., Columbus—City making plans 12,019 ft., rein.-con. sewer in 18th Ave. $35,475. R. H. Simpson, city engr.

Ill., Lyons—Village soon takes bids sewerage system in western part of village. Kelker-Deleuw Co., 111 West Washington St., Chicago, engrs.

Ill., Niles Center—City soon takes bids approximately 2.5 mi. 42-to 84-in. laterals from Oakton St. north and south to city limits. $1,250,000.

Ill., Westmont—Village soon takes bids sanitary sewerage system on East Side. $90,000. Kelker-Deleuw Co., 111 West Washington St., Chicago, engrs.

Mo., Sikeston — Plans election about Sept. 15, approximately 50,000 ft. 8- to 48-in. sanitary sewers in various streets. $80,-000. F. L. Wilcox, 924 Chemical Bldg., St. Louis, and L. T. Berthe, Charleston, engrs. Noted June 25.

Ark., Ozark — Having preliminary plans made complete sanitary sewer system. $45,-000. W. L. Winters, Fort Smith, engr.

Tex., Ennis—Plans sewer, waterworks, etc. $212,000.

Tex., Frisco—Election soon $32,500 bonds for sewage disposal system. Engineer not selected.

Tex., Hamilton—Voted $60,000 bonds for sewerage system and sewage disposal plant. Koch & Fowler, 606 Central Bank Bldg., Dallas, engrs. Noted July 16.

Tex., Jacksonville—City c/o secy. plans sewers in various streets and sewage treatment plant, $25,000. Engineer not selected

Okla., Blackwell—Making surveys 4 mi. sanitary sewers, $28,000. W. Ritzhaupt, Jr. engr.

Okla., Edward—Having preliminary plans prepared outfall sewer and sewage disposal plant. $35,000. Engineer not selected.

Okla., Norman—S. N. Craig, Weleetha, having preliminary plans prepared 5 mi. sanitary sewer system for the Craig addition to Norman, $35,000. Engineer not selected.

Okla., Okeene—Defeated $47,000 bonds new sanitary sewer, issue will be resubmitted. V. V. Long & Co., Oklahoma City, engrs.

Ont., Kingsville—Plans 5,000 ft. vitr. tile sewer in Queen St. $25,000. Engineer not selected.

Ont., London — Plans sludge type, rein.-con. sewage disposal plant at Coves, here. $200,000 to $250,000. W. P. Near, City Hall, engr. Noted Apr. 30.

Ont., Toronto—York Twp. plans installing 7,600 lin.ft 36-in. concrete sewer in Boon Teignmouth and Bloem Aves., $10,075, Eversfield and Hatherly Rds., $17,430, Nairn and Earlscourt Aves. $8,760. Total $50,000. F. B. Goedike, 40 Jarvis St., Toronto, engr.

Ont., Toronto—East York Twp. plans 4,000 ft. 12-in. sewer in Arundel Ave., $5,478, Warland Ave., $8,678, Franklin Ave., $8,548, Guestholme Ave., $7,595. Woodlington Ave., $6,725. G. R. Jack, 443 Sammon Ave., Toronto engr.

BIDS DESIRED

Mass., Boston—Aug. 18, by Dept. Pub. Wks., Boston, sewerage works in various streets Brighton, Aug. 19, sewerage works in various streets Dorchester. J. A. Rourke, comr.

Conn., Hamden (Br. New Haven)—Aug. 17, by Commrs. about 2 mi. 8 in tile sewer in Highwood St. To exceed $25,000. Sewer Commrs. Town Hall, engrs.

N. Y., St. George—Aug. 17, by J. A. Lynch, pres., Richmond Boro, Boro Hall, temporary sanitary sewers in Clove Rd., etc.

N. J., Rutherford—Aug. 18, by Boro Council, City Hall, constructing 24 in. sewer and sewerage disposal plant and appurtenances. F. A. Stedman, Clk. Adv. E. N.-R., Aug. 13.

D. C., Wash.—Aug. 27, by Dist. Comrs., Room 509 Dist. Bldg., 6,470 lin.ft. sewers; adv. E. N.-R. Aug. 13.

Md., Catonsville (Branch Baltimore)—Aug. 31, by Comrs. Baltimore Co., Court House, Towson, 39,455 lin.ft. 6-48-in. terra cotta sewer, etc. A. E. Walden, Ch. Engr.; adv. E. N.-R Aug. 13.

Ky., Central City—Aug. 24, by City Council 19,600 lin.ft. 8- to 15-in. sanitary sewer, etc. C. W. Wardle, Bennett Bldg., engr.

Fla., Sebring—Sept. 4, by Mayor and City Council, office of City clk. 2,400 lin.ft. 8-in. vitr. pipe sewer, etc. P. H. Norcross, 1404 Candler Bldg., Atlanta, Ga. consult. engr. Adv. E. N.-R. Aug. 13.

O., Columbus—Aug. 25 by W. H. Duffy, dir. Pub. Serv., 4,930 ft., 6 and 8 in. sanitary sewer, etc., in alley east of Dresden St., $11,088, 6,617 ft., 10 to 24 in. combined sewer in alleys north 18th and 20th Sts., $24,311, 746 ft., 6 and 8 in. sanitary sewer in Ellsworth Ave., $1,694, 12,850 ft., 6 and 12 in. in alley east Eastview Ave., $29,393, 5,760 ft. 6 and 8 in. sewer in Fairview Ave., $11,737, 1,526 ft., 8 in. in Leonard St. $3,395, 2,505 ft., 6 to 18 in. in Hamilton Ave., $18,162, 1,428 ft., 6 and 10 in. in Parsons Ave., $6,406.

Ill., Lewistown—See "Streets and Roads."

Ill., Bloomington—Aug. 26, by Bd. Trustees of Bloomington and Normal Sanitary Dist., 422 Unity Bldg., intercepting sewers and trunk sewer extensions. J. W. Harper, pres.; adv. E. N.-R., Aug. 13.

Ill., Libertyville—Sept. 15, by Village, outfall sewers and treatment plant, here. $110,000. Kelker-Deleuw, 111 West Washington St., Chicago, engrs.

Wis., Milwaukee—Aug. 17, by Dept. Pub. Wks., R. E. Stoelting, comr., 776 ft. 42 & 54 in. concrete tunnel drop shafts, 70 manholes and 14,694 ft. 8- to 24-in. rein.-con. sewers in various streets.

Kan., Larkin—Aug. 20 by C. H. Waterman, City Hall, clk. 16,668 ft. 8 in. vitr. concrete pipe sewers, 10,538 ft. 1- to 12-in. c.i. pipe, etc. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs. Noted Apr. 16.

Neb., Wilber—See "Streets and Roads."

Mo., St. Louis—Sept. 29, by Bd. Pub. Service, 208 City Hall, sewers in Baden Dist. 4, 28,945 ft. 21 to 36 in. vitr. clay pipe, 4,180 ft. 27 to 36 in. clay, brick or segmental block, 970 ft. 42 and 45 in. brick or segmental block, $167,000; also complete sanitary sewerage system in Union-Bircher Joint Sewer Dist. $200,000. W. W. Horner, city engr. Noted July 23.

Mo., St. Louis—Sept. 15, by Bd. Pub. Service, 208 City Hall, 4,125 ft. 12- to 18-in. vitr. clay pipe, 1,445 ft. 36- to 48-in. brick or segmental block sewer, 4,210 ft. 6- and 7-ft. concrete horseshoe 2,100 ft. 9 ft. concrete or 8.5 ft. brick pipe for Camp Springs Public Relief Sewer, $550,000; also for Sect. A, of North Baden Relief Sewer, main sewer will be rein.-con., 11 x 14 ft., 2.5 in. inside diam., etc. $200,000. W. W. Horner, city engr. Noted July 16.

Okla., Elk City—Aug. 18, by L. A. Ross, city clk., 1.3 mi. outfall sewer and disposal plant, $56,000. Benham Engineering Co., Gumbul Bldg., Kansas City, Mo., engrs.

Ont., Sudbury—See "Contracts Awarded."

BIDS RECEIVED

N. Y., New York — See "Streets and Roads."

O., St. Berpard (Ind. branch of Cincinnati)—Dir. Pub. Serv. 1,018, ft., 7 to 27 in. clay pipe sewer and 1,253 ft. 42 to 57 in. brick sewer through private property between Rapid Transit Right of Way and Bank Ave. from J. Dempsey, 5312 Carthage Ave., Norwood. $66,918. Engrs. est. $74,000. Noted July 16.

Ill., Elgin—Sanitary Dist., 3,775 ft. 12 and 15 in. vitr. clay, 510 ft. 8 in. c.i. pipe, sewage ejector pit, house, furnishing and installing Duplex sewage ejector, from J. Brogan & Sons, 700 Donsman St., Green Bay, Wis., Simplex ejector, $59,283, Pacific flush tank, $59,483 and Nahs $58,495.

Wash., Seattle — Bd. Pub. Wks., from McHugh & Co., 517 3rd Ave., sewer in Ashworth Ave., et al., 5,563 ft. 8 in. vitr. clay pipe, at $1.90 per ft., 615 ft. 10 in., $2.10, 2,683 ft. 12 in., $2.40, 660 ft. 15 in., $2.70, 585 ft. 18 in., $3.60 and 680 ft. 21 in., etc., $4.50, total $35,867.

CONTRACTS AWARDED

N. Y., Brooklyn—J. A. Guider, boro pres., Boro Hall (**e. e. means engrs. est.**), sewer in 73rd St., to A. W. Matarazzo, 1163 61st St., 72½% e.e. $5,479; sewer in 79th St. and Lott Ave., to Tozzi Contg. Co., 136 63rd St., 74.69% e. e. $5,260, and 74.39% e. e. $3,009 respectively; sewer in 47th and 59th Sts., to S. J. Coenzo, 678 Glenmore Ave., 67.99% e. e. $3,013 and 72.99% e. e. $3,531 respectively; sewer in East 34th St., to Manmill Constr. Co., 2035 Douglass St., 73.3% e. e. $3,170; and sewer in Rutland Rd., to Fenlon Constr. Co., 78.46% e. e. $1,228. Noted Aug. 6.

S. C., New Brookland—See "Waterworks."

O., Fairview—Village, sewers in 13 streets to Gantose Constr. Co., 4816 Brookpark Rd., Cleveland. $94,000. Noted July 9.

Illinois—Trustees North Shore Sanitary Dist., 38 South Genessee St. Waukegan, 2 disposal plants, one at Lake Forest and other at Waukegan, incl. Imhoff tank, sludge bed, chlorinating tank, grit chamber, etc., to Hallbauer-LaBahn, 844 Rush St., Chicago, $48,993 and $78,515 respectively. Noted July 9.

Ill., Marengo—See "Streets and Roads."

Wis., Milwaukee—J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., to Knowles & Fehr, Inc., 1257 29th Ave., Menomonee Valley sewer extension, 6,420 ft. 24 in. and 340 ft. 18 in. terra cotta pipe at $18.90 per ft., pipe $16.25. Noted July 30.

Wis., Neenah—H. S. Zemlock, city clk., 8,000 ft. vitr. clay pipe extensions to sewerage system in various streets, to E. A. Yahr, Antigo, $28,342. Noted July 16.

Sewers (Continued)

Kan., Pleasanton—Sewage disposal plant, 81 to 12-in. sewer pipe, sludge bed, etc., to Altman-Rodgers & Brown, McAlester, $64,277.

Mo., Kansas City—Bd. Pub. Wks., City Hall, rein.-con. sanitary Blue Valley Sewer, in Jackson Co., here, Sects. A and F, to Torson Constr. Co., Quindaro Blvd. and Union Pacific Ry., $728,471 and $248,719, Sect. B, to List & Weatherly, 416 Ry. Exch. Bldg., $417,062, Sect. C, to A. L. Patterson & Co., Kansas City, $263,331, Sects. D and E, to W. C. Mullins Constr. Co., 202 Nelson Bldg., $293,526 and $240,805 respectively. Total $2,191,914. Noted July 9.

Ark., Batesville—Sanitary sewer Dist. 4, comprising all of West Batesville, incl. 9,000 ft. 6- to 10-in. vitr. pipe, to Kearney Constr. Co., Columbian Tower, Memphis, Tenn. $24,000. Archts. est. $25,981.

Ore., Portland—See "Streets and Roads."

Ont., Midland—Storm sewers in various streets to J. Toole, & Sons, Midland, $35,000.

Ont., Sudbury — Will lay 8,000 ft. vitr. tile sanitary sewers, by day labor. $28,000. F. E. Lane, Town Hall, engr.

Ont., Toronto—East York Twp., Sammon Ave., 8- to 12-in. vitr. tile sanitary sewers to McLaughlin Bros., 55 Gould St., in Cosburn Ave. $29,975, to G. Simone, 10 Coleridge Ave., Linsmore Ave. $1,459, Poulton $1,379, Warland Ave. $2,672, Queensdale Ave. $5,873, to P. Mohan, 9 Arundel Ave., Arundel Ave. $1,585, to W. B. Mitchell Constr. Co., 43 Elmwood Ave., London, Sammon Ave. $5,590, Meagher Ave. $6,373 to W. R. Worthington Constr. Co. 57 Lascelles Blvd., Pape Ave., $2,063. Grand total $56,967.

Ont., Toronto—York Twp. 7,400 lin.ft. 12- to 60-in. truck sewer in Western Rd., Dennis, Lambton, Guestville Aves. to Nelson River Constr. Co., Bank of Hamilton Bldg., $104,468; 4,900 lin.ft. 48- to 60-ft. in Holmesdale and Greyton Crescents, Preston and Times Rds., Allenvale, Lauder, Glenholme Aves., to J. H. McKnight, Constr. Co., 88 St. Davids Ave. $119,342.

Ont., Toronto—Installing brick and concrete trunk sewer Pape Ave. Relief Sewer, from Austin Ave. to Canadian Northern R.R., to Grant Constr. Co., 47 Wellington St., East, $6,440, Jones Ave. and Gerrard St. Relief Sewer to J. O. Jervu, 90 Curzon St., $134,343, Dundas St., from Indian Rd. to Weston Rd. to W. R. Worthington Constr. Co., 57 Lascelles Blvd., $31,340. Grand total $172,123.

B. C., Point Grey—Installing vitr. and concrete sewers in various streets to N. Cosco, 1174 Bway. W., Vancouver, $25,000.

Waste Disposal

BIDS DESIRED

N. Y., Long Island City—Aug. 17 by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., repairs to Ravenswood incinerator at Van Alst and Graham Aves.

Fla., Lakeland—Sept. 8 by City, garbage incinerator of 20 ton capacity in 10 hrs., C. C. Brown, city engr.; adv. E. N.-R. Aug. 13. Noted May 15.

BIDS RECEIVED

Mass., New Bedford—Bd. Health, garbage and rubbish incinerator plant, from Pittsburgh-Des Moines Co., Curry Bldg., Pittsburgh, Pa. $81,000. Noted July 16.

Bridges

PROPOSED WORK

O., Dayton—Montgomery Co. plans 100 ft. 2 span steel highway bridge over Wolf Creek, at Riverview Rd. $75,000, and 50 ft. bridge over Bear Creek, $35,000. W. O. Pease, co. surv.

Ill., Chicago—Supt. Pub. Service, County Bldg., soon takes bids three 159-ft. rein.-con. spans at 167th St. and Burnham Ave. $81,500. G. A. Quinlan, 910 County Bldg., Chicago, Engr.

Ill., Chicago—South Park Comrs., 57th St. and Cottage Ave., take bids about Sept. 1, 400 ft. concrete bridge over Lagoon in Grant Park at Roosevelt Rd. east of Museum. $1,000,000. Linn White Engr. Co., 57th St. and Cottage Grove Ave., engrs.

Ill., Chicago—City, takes bid about Aug. 25, new 168 ft. bascule span, 62 ft. wide, over south branch Chicago River at Adams St. $1,200,000.

Wisconsin—See "Streets and Roads."

North Dakota—Williams (Williston) and McKenzie (Schaefer) Counties, plan 400 ft., steel and concrete bridge across Missouri River about 4 mi. southwest of Williston. $600,000. F. A. Hoare, Williams Co. aud.

Minnesota and North Dakota—States of Minnesota and North Dakota having sketches made 850 ft. bridge with 36 ft. roadway and two 8 ft. sidewalks on Trunk Highway 2 over Red River connecting Moorhead, Minn. and Fargo, N. D. To exceed $200,000.

Tex., Anderson—See "Streets and Roads."

BIDS DESIRED

N. Y., Buffalo—Aug. 21, by Comr. Pub. Wks., concrete plate girder bridge at South Park Ave. to exceed $100,000. C. E. P. Babcock, Municipal Bldg., engr.

New Jersey—Aug. 31, by State Hy. Comn., Broad St., Bank Bldg., Trenton, 2-span, rein.-con. slab bridge over Westecunk Creek, in Ocean Co. A. Lee Grover, secy. adv. E. N.-R. Aug. 13.

Pa., Waynesburg—Green Co. taking bids for 20 ft., rein.-con. 1 span bridge over Boyds Run on road from Ruffs Creek to Lippincott. $25,000. T. B. Dinsmore, Union Trust Bldg., engr.

Pa., Williamsport—Aug. 20 by Comrs., Lycoming Co., G. W. Tompkins, pres., Court House, 240 ft., 4 span rein.-con., girder bridge also moving present bridge 33 ft., down stream placing same on temporary pile abutments. M. C. Krause, Co. engr.

South Carolina—Aug. 18, at office State Hy. Dept., Columbia, 168 ft., riveted steel truss over Crowders Creek, on State Route 163, State Project S-544, York Co., and 148 ft., rein.-con., bridge on Newberry, State Project S-534. Newberry Co. E. D. Sloan, Court House, Greenville.

Ill., Chicago—South Park Comrs., 47th St. and Cottage Grove Ave., taking bids and open same about Aug. 25, for foundations and abutments for two 100 ft. steel and concrete bridges, 85 ft. wide over Illinois Central R.R. tracks, one at Jackson St. and other at 7th St., $250,000, two 200 ft. steel and concrete bridges, 40 ft. wide, over Illinois Central R.R. tracks, one at Harrison St. and other at Van Buren St., two 200 ft., steel and concrete bridges, 105 ft wide, over Illinois Central R.R. tracks, at Lake Front Park, on Congress St. L. White, 57th St. and Cottage Grove Ave., engrs.

Wisconsin—See "Streets and Roads."

Wis., Racine—Aug. 19, by H. A. Nelson, Comr. Pub. Wks., 185 ft. steel girder bridge, 44 ft. wide at Mead St. $50,000. Wisconsin Bridge & Iron Co., North Milwaukee (Milwaukee P. O.), engrs. Former bids rejected. Noted July 23.

Minnesota—Aug. 25, by State Hy. Dept., St. Paul, triple Bridge 4466, 30 ft. long and Bridge 4467, 90 ft. long, both concrete, on State Project 9-35, Federal Aid Project 312. $25,000.

Mo., Benton—See "Streets and Roads."

BIDS RECEIVED

South Carolina—See "Streets and Roads."

Calif., Grass Valley—Nevada Irrigation Dist. North Rock Fill Dam at Bowman, exclusive spillway from W. A. Betchel, 625 Market St., San Francisco $661,702, 9x9.75 ft. Milton Bowman Tunnel, from D. A. Foley Co., Wright & Callendar Bldg., Los Angeles, approximately $900,000, Rucker Creek Tunnel, from T. E. Connolly, 2400 Fulton St., San Francisco, $164,742, one 42-in. needle valve from Waterworks Supply Co., Sharon Bldg., San Francisco, $10,586; furnishing cement from W. B. Celie, Nevada City, at $3.33 per bbl., furnishing steel from E. L. Soule Co., Rialto Bldg., San Francisco, $12,575. Noted July 23.

CONTRACTS AWARDED

Massachusetts—See "Streets and Roads."

Mass., Holyoke — Bd. Pub. Wks., City Hall, 3 span concrete and steel deck girder bridge, Cabot St., to P. J. Kennedy & Co., Inc., 46 Park St., Holyoke, $25,920. Noted July 30.

Connecticut—See "Streets and Roads."

Pa., Freeport—Armstrong Co., (Kittanning), new bridge over Buffalo Creek at Lane Station connecting Butler and Greensburg Rd. and Kittanning and Pittsburgh Rd. State, to Farris Eng. Co., Empire Bldg., Pittsburgh. Engrs. est. $189,600. Armstrong Co., Freeport Boro. and Pennsylvania R.R. Co., to share expense.

North Carolina—State Hy. Comn., Raleigh, rein.-con., bridges and culverts on Project 395, Robeson Co., to Rhyne & Kitchen, Henderson, $63,341, on Project 889, Yancey Co., and Project 851, McDowell, by day labor. Noted Aug. 6.

Miss., Biloxi—Bd. Supervs. Harrison Co. Gulfport, Back Bay Bridge, rein.-con. steel draw span bridge, across Bay of Biloxi, to A. M. Blodgett, Inc., New Orleans. $326,000. Noted July 23.

Ill., Chicago—City, for double leaf bascule bridge over Calumet River, here, substructure, filling and paving approaches, to Fitzimmons & Connell Dredge and Dock Co., 10 South La Salle St., $542,000; superstructure, to Ketlert-Elliott Co., Chicago, $374,000.

Ill., Chicago—South Park Comrs, 57th St. and Cottage Grove Ave., (two) 250 ft. steel and concrete bridges, 80 ft. wide, over Illinois Central R.R. tracks, one at Oakwood Blvd. and other at 31st St., substructures to Sumner Sollitt Co., 225 North Michigan Blvd., $109,000 and $78,174 respectively, fabricating and erecting steel, to The Kettler-Elliott Co., Chicago, $77,678 and $72,636 respectively. Noted May 28.

Wis., Baraboo—Saul Co. Hy. Com., W. Halbersleben, comr., three 45 ft., concrete deck girder spans, etc., at Woolen Mills, to M. A. Adams & Co., 927 Andrews Bldg., Minneapolis, Minn. $32,794.

Wis., Milwaukee—Dept. Pub. Wks., constructing substructure and erecting superstructure for 1,100-ft. steel viaduct at Holton St., to S. M. Siesel Co., 160 Ogden Ave., $289,000. Noted July 30.

Ia., Rock Rapids—Lyon Co. rein.-con. and steel, deck girder bridge, with four 74-ft. spans, 24 ft. to Wickes Eng. & Constr. Co., 1441 Bluff St., Des Moines, $42,444.

Nebraska—See "Streets and Roads."

Wash., Olequa—Comrs. Cowlitz Co., Kelso, 500 ft. steel bridge and approaches, 18 ft. roadway, to Union Bridge Co., Porter Bldg., Portland, Ore. $40,500.

California—State Hy. Comn., Sacramento, rein.-con. bridge over Coachella Storm Water Channel, Riverside Co., to Badt, Falk & Bergendahl, Bartlett Bldg., Los Angeles, $37,495, engrs. est. $38,250; also one over Charley Creek, Shasta Co., to Bordwell & Zimmerman, Napa, $71,770. Engrs. est. $69,320. Noted Aug. 6.

Dams

PROPOSED WORK.

Wis., Prairie du Sac—Wisconsin River Power Co., care of L. Clark, Gay Bldg., secy., plans rein.-con. and steel dam on Wisconsin River at Henry Creek Flats. $25,000. Engineer not selected.

Tex., Cuero—Middle West Utilities Co., Frost Bldg., San Antonio, having preliminary plans prepared, dam across Guadalupe River near Cuero, to be used as power for generating plant. $150,000. Private plans.

CONTRACTS AWARDED

Mo., Bagnell—See "Buildings Industrial."

Mo., La Plata—See "Waterworks."

Tex., San Antonio—J. W. Tobin, mayor, City Hall, constructing Olmos Creek Detention Dam and appurtenances, to McKenzie Constr. Co., Travis Bldg., $375,613. Noted July 2.

Railways

PROPOSED WORK

Texas—St. Louis, Brownsville & Mexico R.R. Co., subsidiary of New Orleans, Texas & Mexico Ry. Co., Houston, soon takes bids approximately 32 mi. standard gauge railroad between Raymondville and Lyford, Willacy Co., $773,320. C. S. Kirkpatrick, Houston, ch. engr.

Ontario — Hydro Electric Power Comn., 190 University Ave., Toronto, plans constructing 9 mi. double tracking, and 3 mi. new line, in Windsor. $750,000. F. A. Gaby, 190 University Ave., engr.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Ky., Paducah—See Unclassified.

Tex., Cotulla — Cotulla Irrigation Dist. having plans revised 43,000 acres to be irrigated. $7,000,000.

Tex., Mercedes—Hidalgo Co. Water Impvt. Dist. election soon $250,000 bonds 6,300 acres to be irrigated.

Tex., San Antonio — City having preliminary plans prepared by I. Ewing, city engr. P. E. Crecelius, 201 Torcido Dr. consult. engr. straightening, widening and deepening San Antonio River. $750,000. Noted July 9.

BIDS DESIRED

Fla., Fort Pierce—Aug. 30, by L. A. Peacock, ch. engr., Fort Pierce Finance &

Excavation, Drainage, Irrigation, Levees (Continued)

Constr. Co., P. O. Box 838, for 12- to 15-in. hydraulic dredging. Adv. E. N.-R., Aug. 13.

BIDS RECEIVED

N. Y., New York—Dept. Docks, Pier A, Battery Place, improving East River, Class 1, removing existing structures and dredging, Class 2, bulkhead platform with wall, Class 3, lateral extension to pier new 16 and fender system for pier new 17 at Fulton St., Contr. 1844, from General Contg. & Eng. Co., 237 Fulton St. $98,831.

CONTRACTS AWARDED

Mo., Kennett—Dunklin Co. Court, Honey Cypres D.D., 34, approximately 740,000 cu.yd. excav., to O. J. O. Mear, Clinton, Ky., at $0.0925 per cu.yd.

Streets and Roads

PROPOSED WORK

Mass., East Boston (Boston P. O.)—Dept. Pub. Wks., Boston, plans resurfacing Maverick and Breman Sts. here. $25,000. J. A. Rourke, comr.

Mass., Lowell—City Council voted $25,000 paving Bridge St.

N. Y., Brooklyn—A. Guider, boro pres. rejected bids July 29, for regrading and recurbing Rochester Ave. Noted Aug. 6.

Tex., Anderson—Grimes Co. plans grading, concrete surfacing and bridging, 8.75 mi. State Highway 45, Roans Prairie to Walker Co. Line. $115,000. O. A. Seward, Jr., Navasota, engr.

Tex., Anson—Jones Co., plans grading concrete paving and bridging 9.68 mi. State Highway 30, 58,500. J. W. Puckett, Stamford, engr.

Tex., Bastrop—Bastrop Co., voted $25,000 bonds grading and surfacing Giddings-Waelder Highway. A. Schlafle, La Grange div. engr. Noted July 2.

Tex., Kaufman—Kaufman Co., plans gravel surfacing 10.74 mi. State Highway 40, $100,000. S. J. Treadway, Ferrell, engr.

Tex., Laredo—Webb Co., plans grading and asphalt macadam surfacing 1.91 mi. State Hy. 2 and 12-A, A.A.P. 559. $27,775. T. E. Huffman, co. engr.

Tex., San Antonio—Making preliminary plans asphalt surfacing San Antonio-Austin Rd. $100,000. F. Hudson, div. engr.

Tex., Smithville — Voted $25,000 bonds permanent paving various city streets. Address City Engineer.

Tex., Texarkana—Election Aug. 12, to vote $600,000 bonds for street paving. O. Yenglin, city engr.

Tex., Uvalde—Uvalde Co., plans rock asphalt surfacing 14.16 mi. State Highway 3, Sabinal-Knippa Rd. $80,000. M. E. Savage, co. engr.

Okla. Fairview—Plans grading and paving 4 blocks Main St. $43,000. H. G. Olmstead, 2230 West 18th St., Oklahoma City, engr.

Okla., Hobart—Making surveys grading and paving 33 blocks Cleveland, Apache, Keowa and 19th Sts. $86,000. V. V. Long & Co., Oklahoma City, engrs.

Okla., Newkirk—Soon takes bids grading, curbing and concrete paving 12 blocks various city streets. H. E. Musson & Co., 401 Grain Exch. Bldg., Oklahoma City, engrs. Noted July 30.

Okla., Okemah — Making preliminary plans grading and concrete paving 21 blocks 6th, Atlanta, Oakley and Columbus Sts. $125,000. V. V. Long & Co., Oklahoma City, engrs.

Okla., Temple—Making preliminary plans grading and paving 5 blocks Main St. $32,000. Engineer not selected.

Wash., Everett—City Council takes bids about Aug. 28, paving, etc., Pacific Ave. between Bway. and Pine St. $64,572. S. E. Paine, Everett, engr.

Ont., Fort Erie—Welland Co. plans 2½ mi. macadam or concrete paving, Fort Erie-Chippawa Rd., here. $92,000. W. W. Brookfield, Box 1334 Welland, engr.

Ont., Hamilton—Plans asphaltic concrete or brick on concrete paving 80,000 sq.yd. various streets. $327,900. W. L. McFaul, City Hall, engr.

Ont., Kingsville—Essex Co. plans concrete paving 3 mi. county rd. from 3rd Concession to Talbot, near here. $75,000. J. J. Newman, Davis Bl., Windsor, engr.

Ont., North Bay—Plans 1 mi. asphaltic concrete paving 24 ft. Jane St., from Klock Ave. to Harvey St., McIntyre St. from Klock Ave. to Fraser St., 1st Ave. from Fisher St. to Regina St. $65,000. F. G. Mackie, City Hall, engr.

Ont., Toronto—City Council soon takes bids asphaltic concrete paving Front St., from Bay St. to Yonge St. $20,000, Boulevard Dr. from Bathhurst St. to Dufferin St., $211,000. Rountree and Turnberry Aves. $11,688. R. C. Harris, City Hall, engr.

Ont., Wiarton—Making plans concrete paving various streets. $30,000. A. Stephenson, Walkerton, engr.

BIDS DESIRED

New York—Sept. 1, by Westchester Co. Park Comn., West Pondfield Rd., Bronxville, grading, etc., from Boston Post Rd., to New Rochelle Rd., Hutchinson River Parkway, J. Bowner, ch. engr.; adv. E. N.-R. Aug. 13.

N. Y., New York—Aug. 20, by H. Bruckner, pres., Bronx Boro, 3d and Tremont Aves., grading and laying sidewalks, etc., East 197th and 196th St., Sheridan and Paulding Aves., setting curb and laying sidewalks, etc., in Tyndall Ave., retaining wall on westerly side of Harlem River Terrace, sewers, etc., in College, Lacombe and Underhill Aves, and East 170th St.

N. Y., New York—Aug. 18, by J. Miller, pres., Manhattan Boro, Municipal Bldg., granite block repaving, etc., Marginal St., roadway of intersection of West 125th St., and Bway.

N. Y., St. George—Aug. 17 by J. A. Lynch, pres., Richmond Boro, Boro Hall, grading,, etc., Lexington Ave.

N. J., Millville—Aug. 31, by State Hy. Comn. Broad St. Bank Bldg., Trenton, 18,727 sq.yd. concrete paving, etc. State Hy. Route 20, Sect. 4, here. A. L. Grover, secy. Adv. E. N.-R. Aug. 13.

N. J., Newton—Aug. 26, by Bd. Chosen Freeholders Sussex Co., concrete paving, Sparta-Woodport Rd., Sect. 2, in Twp. of Sparta. H. Snook, co. engr.; adv. E. N.-R. Aug. 13.

N. J., Wenonah — Aug. 19, Freeholders Gloucester Co. (Woodbury), concrete paving 35,250 sq.yd. Wenonah-Mantua Rd. W. C. Cattell, Woodbury, engr.

Pennsylvania — Aug. 25, by Dept. of Highways, Harrisburg, bituminous surface on concrete or rein.-con. paving 43 mi. in Beaver, Berks, Blair, Clarion, Delaware, Erie, Mifflin, Montgomery, Schuylkill, Susquehanna, Venango and Westmoreland Counties. P. D. Wright, secy.; adv. E. N.-R. Aug. 13.

Pennsylvania—Sept. 1, by Dept. Hy. Harrisburg, bituminous or concrete paving 31 mi. roads in 9 counties. P. D. Wright, secy, adv. E. N.-R. Aug. 13.

Pa., Avonmore—Aug. 26th by Council, Cambral Co., J. W. Roman, secy., grading and paving, one course rein.-con. paving Indiana Ave. and 6th St. $25,000.

Pa., Mars—Aug. 19, by Boro Council, Butler Co., C. E. Sybert, secy., grading and curbing and vitr. brick on slag paving, 1,988 ft., Marshall Way., Beaver and School Sts., Aiken, Kesselman & Greenough, Butler, engrs.

Pa., Scottdale—Aug. 20 by Boro Council, J. T. Strickler, secy., grading, paving and curbing 18,895 sq.yd. various streets.

Maryland—Aug. 18, by State Hy. Comn., Baltimore, concrete paving 1.25 mi. road from end of Contr. K-26 to Crosby, Kent Co. Contr. K-29. Adv. E. N.-R. Aug. 13.

Maryland—Aug. 25, by State Hy. Comn. Baltimore—graveling 2.25 mi. road from Pomonkey toward Marshall Hall, Charles Co. Contr. ch.-33. Adv. E. N.-R. Aug. 13.

West Virginia—Aug. 25 by State Roads Comn., Kanawaha, Court House, Charlestown, constructing roads in various counties; adv. E. N.-R. Aug. 13.

W. Va., Philippi—Aug. 24, by County Court, Barbour Co. grading and concrete paving 4 mi. Buckhannon-Clarksburg Pike. $160,000. R. K. Johnson, Philippi, engr.

North Carolina—Aug. 25 by State Hy. Comn., Raleigh, hard surfacing roads in Gates, Duplin, Robeson, Columbus, Durham, Hartnett, Montgomery, Caswell, Rowan, and Haywood Counties, topsoiling, sand, clay, grading or graveling roads in Rockingham, Caldwell and Buncombe Counties; adv. E. N.-R. Aug. 13.

South Carolina—Aug. 18 at office State Hy. Dept., Columbia, constructing 4.6 mi. road State Route 8, Federal Aid Project 20-A, Cherokee Co., 43,945 sq.yd., plain concrete surfacing and 50,500 sq.yd. bituminous concrete surfacing, etc. E. D. Sloan, Court House, Greenville.

Ga., Albany—Aug. 17, by City Comrs. improving 59 blocks. M. Wright, city mgr.

Fla., Ft. Pierce—Aug. 28, by C. C. Murry, city aud. clk., paving 270,000 sq.yd. various streets, 150,000 lin.ft. combination curb and gutter, etc., W. A. Smith, mgr.; adv. E. N.-R. Aug. 13.

Fla., Tampa—Aug. 18, by City Comn. W. E. Duncan, clk., grading and filbertine, Kentucky rock asphalt or warrenite bituminous on limestone rock widening, 6,500 sq.yd., Rd. 1, Florida Ave., $100,000, 10,100 sq.yd., Rds. 3 and 6, South Franklin and North Blvds., $30,000, vitr. brick on crushed limestone widening 18,198 sq.yd. Rds. 9 and 10, Southern Blvd., and Nebraska Ave. $50,000, and vitr. brick widening, 7,150 sq.yd. Rds., 7 and 8, North Blvd., $30,000. R. D. Martin, City Hall, engr.

Fla., Tampa—Aug. 25, by City Comn., W. E. Duncan, clk., grading and asphaltic block or vitr. brick on lime rock paving, Projects 2, 4 and 5 on Fuller, West and West Warren Sts., Michigan and Woodrow Aves., $40,000. R. D. Martin, City Hall, engr.

La., Hammond—Aug. 18, by Bd. Supervs. for Consolidated Rd. Dist. A, grading and graveling 80 mi. road, incl. 12,200 tons washed or screen gravel, 54,000 tons sand clay gravel, roads in various parts Tangipahoa Parish. H. T. Richardson, Hammond, engr.

La., Lake Charles — Aug. 31, by City Council, concrete paving 22 streets. E. L. Garham, comr. Streets and Parks.

Ala., Mobile—Sept. 3, by Bd. of City Comrs., paving and storm sewers, etc., in various streets. G. E. Crawford, comr., adv. E. N.-R. Aug. 13.

O., Brooklyn Heights (mail Independence P. O.)—Aug. 18, by Village, vitr. brick, sheet asphalt or concrete paving, etc., 5,600 sq.yd. one street here. To exceed $25,000. W. H. Evers Eng. Co., Engineers Bldg., Cleveland, engrs.

O., Cleveland—Aug. 15, by Comrs. Cuyahoga Co., paving Lake Shore Blvd. 5. $580,000. F. Lander, Court House, engr.

O., Cleveland—Aug. 19, by City, paving, Rudyard Rd. N.E. superior Ave., West 84th Place, East 57th, 67th, 90th, 115th, 118th, 125th, 138th, 163d, 165th Sts., west 30th, 165th and 168th Sts. R. Hoffman, city engr.

O., Columbus—Aug. 25, by W. H. Duffy, dir. Pub. Serv., grading, bridging, laying necessary water services and sewer connections, and paving with (a) asphalt, (b) brick, and (c) concrete, 31,843 ft., Champ Chase Drive, Algonquin, Clinton Heights, Deshler, Demerest, Eureka, Letchworth, Magnolia, Park, Powhattan, Roys, Southampton, Sylvan, Townsend, and 26th Aves., Gregory, and Girard Sts., 24 ft., (a) $637,341. (b) $690,678, 9,668 ft., Tulane Rd., Harris, 21st, 22d and 20th Aves, (a) $181,221, (b) $182,941, 26 ft., 620 ft., Alley west 5th St., 20 ft., (b) $5,576, (c) $4,948, 1,388 ft., Ludlow St., 33 ft., (b) $23,750, 913 ft., Alley north Rich St., 30 ft., (b) $21,754, (c) $10,234, 341 ft. Alley north Wyandotte Ave., 15 ft. (b) $2,313, (c) $2,064; widening, 450 ft., Long St., old stone block, $8,344, granite guttering, $9,456.

Ill., Lewistown—Aug. 15, by City, 2,650 cu.yd. excav., 5,125 lin.ft. portland cement and 198 ft. concrete marginal curbing, 8,000 sq.yd. 7 in. concrete paving, 2,411 lin.ft. 3/7 x 8 in. and 5,125 ft. 1/4 x 7 in. expansion joints, 1,100 lin.ft. 10 in. storm sewer, 497 lin.ft. 6 and 8 in. connection pipe, etc. various streets.

Ill., McHenry—Aug. 18, by City Clerk, grading, curbing and rein.-con. or vibrolithic concrete paving, etc. 9,421 sq.yd. Green and Pearl Sts. Wells Engr. Co., Geneva, engrs.

Ill., Peoria—Aug. 17, by Bd. Local Impvts., C. F. Bartson, pres., grading, curbing and asphalt paving, etc., East Republic Ave.; grading, curbing and brick on concrete paving, etc., California Ave., between East Nebraska and Frye Aves. $27,167. W. E. Backes, City Hall, engr. Noted June 25.

Wisconsin—Aug. 18, by State Hy. Comn., at Office 1, Capitol Annex, Madison, grading and surfacing, etc. 4.792 mi. Portage Waupun Rd., Federal Aid Project 419-A, Columbia, Co., Option A, 10,680 cu.yd. gravel surfacing, Option B, 10,800 cu.yd. crushed stone, both 26 ft. 800 cu.yd. stripping pit. J. T. Donaghey, highway engr.

Wisconsin—Aug. 19, by State Hy. Comn., at Office 9, Teller Bldg., Lancaster, improving 8.765 mi. Gotham-Readstown-Viroqua Rd., Federal Aid Project 422-A, Richland Co., 66,287 cu.yd. earth, 14,498 cu.yd. loose and 2,025 cu.yd. solid rock excav., 7,181 cu.yd. borrow, 195 cu.yd. channel change, 29,410 lin.ft. intercepting ditch, 15,654 cu.yd. 6 in. shale surfacing, etc.; also 70 ft. plate girder bridge, Sta. 215-C plus 45, and 30 ft. rein.-con. span Bridge 347 plus 35. J. T. Donaghey, Madison, highway engr.

Wisconsin—Aug. 21, by State Hy. Comn., at Office, 1st Natl. Bank Bldg., Superior, grading and gravel surfacing, etc. 6,669.9 cu.yd. Frederick-Grantsburg Rd., Federal Aid Project 421-A, Polk Co. and 9,358.9

Streets and Roads (Continued)

cu.yd. Federal Aid Project 421-B, Burnett Co., J. T. Donaghey, Madison, highway engr.

Wis., Janesville—Aug. 17, by Dept. Pub. Wks., one course rein.-con. paving, etc., 6,203 sq.yd. Glen St. and Columbia Circle. R. R. Conway, chr.

Wis., Racine—Aug. 19, by H. A. Nelson, Comr. Pub. Wks., 12,000 sq.yd. concrete paving various streets. J. W. Beaugrand, City Hall, engr. Noted July 16.

Minnesota—Aug. 25, by State Hy. Dept., St. Paul, **(F.A.P. means Federal Aid Project and S. P. means State Project)**, grading 200,000 cu.yd. S. P. 6-45, Sects. 1 and 2, F.A.P. 378, $40,000, 150,000 cu.yd. S.P. 7-34, F.A.P. 374, $30,000, 120,000 cu.yd. S.P. 8-42, F.A.P. 302, $25,000, 205,000 cu. yd. S.P. 64-23, $40,000, 126,000 cu.yd. S.P. 68-22, Sect. 2, F.A.P. 308, $25,000, 260,000 cu.yd. S.P. 69-22, Sect. 2, F.A.P. 339, $52,-000; concrete paving, etc., 42,000 sq.yd. S.P. 1-48, F.A.P. 1, $98 000, 165,000 sq.yd. S.P. 1-44, Sect. 5, F.A.P. 1, $360,000, 171,000 sq.yd. S.P. 5-30, Sect. 2, F.A.P. 345, $375,-000, 120,800 sq.yd. S.P. 5-36, F.A.P. 345, $265,000, and 268,700 sq.yd SP 27-28, F.A.P. 370, $650,000. Engr. Dept. State Hy. Dept.

Neb., Plattsmouth—Aug. 17, by J. J. Cloidt, city clk., grading, curbing and Warrenite, asphaltic or rein.-con. paving, 18,065 sq. yd. Dists. 34 to 39, inclusive.

Neb., Wilbur—Aug. 17, by W. Skopee, city clk., grading, curbing, and Warrenite, sheet asphalt, brick, asphaltic concrete, vibrolithic or concrete paving, 11,700 sq.yd. various streets, also 2,987 ft. 12-30 in. vitr. crock sewers. Nixon & Reynolds, 305 Omaha Grain Exch. Bldg., Omaha, engrs.

Mo., Benton—Aug. 17, by Little River D.D., J. H. Himmelberger, pres., Bd. Supervs., constructing road near here, 53,000 cu.yd. excav., 5,900 sq.yd. gravel surfacing, etc. Morgan Eng. Co., Memphis, Tenn., engrs.

Ark., Marked Tree—Aug. 17, by T. C. Brigance, secy. grading and graveling 22 mi. Ozark Trail Rd. Impvt. Rd. Impvt. Dist.

Ark., Marked Tree—Aug. 18, by N. O. Whitlatch, secy. Rd. Impvt. Dist. 5, grading and graveling 4.5 mi. Lateral No. 1, Poinsett Co. J. E. Buxton, engr.

California—Aug. 31, by State Hy. Comn., Sacramento, improving 1.9 mi. road from top Mt. Springs Grade to Myers Creek Bridge, Imperial and San Diego counties. R. M. Morton, state hy. engr.

California—Aug. 24, by State Hy. Comn., Forum Bldg., Sacramento 0.4 mi. grading and concrete paving, road between American River and Globe Iron Wks., Sacramento Co. R. M. Morton, Sacramento, state hy. engr.

Calif., San Diego—Aug. 24, at office A. H. Wright, cl[illegible] grading, curbing, sidewalk and 1½ in. asphaltic concrete on 2½ in. bituminous paving, 183,659 sq.ft. 19th St. from B to Imperial Sts. F. A. Rhodes, engr.

Que., Verdun—Aug. 12, by J. Wishart, secy. plans improving Main St., incl. 31,150 sq.yd. macadam and 16,120 sq.yd. concrete paving. $94,540. City Engineer, 442 Church Ave.

Ont., Ridgetown—Aug. 15, by W. A. Smith, chn. Bd. Pub. Wks., curbing, guttering, and 9,000 sq.yd. rein.-con. paving various streets. $25,000. W. D. Colby, Harrison Hall, engr. Noted May 21.

BIDS RECEIVED

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam surfacing 6,500 ft. highway in Westbridge and Sutton, from R. H. Newell Co., Westbridge, $25,344, 3,000 ft. highway in Hamilton, from Welch & Moynihan, 15 Front St., Salem, $11,449, 2,484 ft. highway in Medfield, from Reynolds Bros., Inc., 179 Summer St., Boston, $14,046, gravel surfacing 3,800 ft. highway in Gill, from H. & J. P. Green, 325 Greenwood St., Worcester, $20,116, and two concrete bridges and bituminous concrete approaches on 2,450 ft. highway in Somerset and Swansea, from Milliken and Armstrong Inc., 50 Eddy St., Providence, R. I., $154,368.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Aug. 4, from Kennedy & Smith, Inc., 93 Amity St, Flushing, asphalt block repaving Jamaica Ave., $68,535, from Walsh Bros. Contg. Co., 32 Queens St., Astoria, grading, curbing, sidewalks, etc., in 98 Place, etc., $5,427, grading Nassau Blvd. $105,362, from H. E. Kordes Co., Inc., 2577 Cooper St., Brooklyn, Hull Ave., $10,941, from Haupert, Bizzo & Foley, paving sidewalks, etc., on Cooper Ave., $1,843, from Cranford Co., 52 9th St., Brooklyn, asphalt paving Purdy St., $17,175, Roosevelt Ave., $48,529, Theodore St $21,090, 89th Ave. $12,375, 126th St., $12,197, from S. Russoff Co., Inc., 15 Park Row, New York City, grading, etc., Nassau Blvd., $155,958. Noted July 30.

N. Y., New York — H. Bruckner, pres., Bronx Boro, 3rd and Tremont Aves., Aug. 6, sheet asphalt paving Castlehill Ave. from Brusstar Constr. Co., Harlem River and 150th St. $121,908, asphalt block paving 164th St. from Burnside Contg. Co., 270 Burnside Ave. $21,482, sewer in O'Brien Ave. from C. Turaino Contg. Co., $6,370, in Revere Ave., from F. Pestone, $1,618. Noted July 30.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, concrete curb, steel guard, etc., Fingerboard Rd., etc., from F. J. Zarelli, $17,916. Noted July 30.

Pa., Phila. — Bureau Highways, Dept. Pub. Wks., Aug. 4, from F. Mark Contg. Co., 2820 North 21st St., grading, Akron and Sauls Sts., $13,358; from Curtis Bros., State Rd. and Unruh St., Algard and Walker Sts., $265, Solly St., $357; from Morrissey Bros., 4345 North 7th St., Borbeck St., $1,964, Oakley and Kyson Sts., $3,697, Prospect St., $1,145, Shelborne St., $4,519; from Dewees Bros., 5th and Fisher Aves., Burton, Dilman, Gillespie, Glenlock and Sanger Sts., $11,434, Thorps Lane, $8,010; from S. C. Rotzell, Limekiln Park & Haines St., Carlisle St., $1,157, Cedar Brook and Pickering Sts., $5,393; from F. V. Monaghan, Water St. and Clarkson Ave., Devereaux St., $2,514; from T. P. Lee, 5629 Cherry St., Grays St., $2,703, Media St., $1,553; from McNichol Paving & Constr. Co., 1923 Cherry St., Media St., $8,768; from R. B. Wenner, 2313 Walnut St., Reach St., $655; from Barber Asphalt Co., 239 North 30th St., asphalt paving, Belfield St. $3,327, 21st St., $17,713; from Eastern Asphalt Co., Pennsylvania Bldg., Harworth St., $6,098, Marvine St., $4,255, Nedro St., $8,493, asphalt repaving, 33rd St., $12,997; from Union Paving Co., 30th and Locust Sts., asphalt paving, Lippincott and 33rd St., $13,358, Mercer St., $3,363, Shelmire St., $12,492, 15th and 67th Sts., $11,085; from Mack Paving and Contg. Co., Nicetown Lane and Luzerne Sts., Vankirk St., $17,035, Wyncote St., $13,510; from F. W. Lovett, Newark, Del., country road improvements, Claridge St., $10,994; from Neely Bros., & Russell, Oxford Ave., and Wakeling St., Dana St., $1,889, Poquessing St., $2,210; from L. Baker, 1518 North 8th St., paving and repaving certain alleys in 1st Highway Dist. E-2, $4,361, 3rd Highway Dist., E-4, $2,190, 6th Highway Dist., E-6, $6,262, E-7, $786; from J. Zecca & Co., 6441 Vine St., 2nd Highway Dist., E-3, $3,829; from Atlantic Refining Co., 260 South Broad St., furnishing asphaltic cement, $14,775.

South Carolina—State Hy. Dept., Columbia, **(S.R. means State Route, F.A.P. Federal Aid Project, and S.P. State Project)** sand clay surfacing 7.22 mi. S.R. 331, S.P. S-542, Allendale Co., from R. S. Zeigler, Estill, $25,262, 10.1 mi. S.R. 341, S.P. S-547, Florence Co., and constructing 8.3 mi. S.R. 43, F.A.P. 268-B, from Houseal & Teague, Winnsboro, S. C., $46,768 and $41,807 respectively, granite surfacing etc., 2.75 mi. S.R. 73, S.P. S-582-A, Lancaster Co., from A. S. Barron, York, $15,991; 184 ft., creosoted timber bridge on S.R. 43, F.A.P. 268-B McCormick Co., from Sherard Constr. Co., Calhoun Falls, $7,722. Noted July 23.

O., Cleveland — Cuyahoga Co., paving Hilliard Rd. 2, from Cleveland Trinidad Paving Co., The Arcade, brick, $73,953, bituminous concrete $64,901, concrete $63,-699, Wallings Rd., from Lake Erie Paving Co., Leader-News Bldg., macadam $104,276, from Ohio Contg. Co., Newman-Stern Bldg., concrete $109,995. F. Lander, Court House, engr. Noted July 23.

O., Cleveland—City, July 22, paving with **(a)** asphalt **(b)** brick, **(1)** East 140th St., **(2)** East 135th St., **(3)** Carnegie Ave., incl. 9,330 sq.yd., vitr. brick or sheet asphalt, 4,910 lin.ft., stone curbing, 8,050 lin.ft., 4 in. drain tile guttering, 7,720 cu.yd. earth excav., **(4)** Granton Ave., **(5)** West 40th St., **(6)** East 146th St., incl. 22,400 sq.yd., vitr. brick or sheet asphalt, 11,800 lin.ft., stone curbing, 12,860 lin.ft., 4 in. drain tile guttering, 11,200 cu.yd. earth excav., **(7)** East Boulevard, **(8)** East 120th St., **(9)** Bancroft Ave., **(10)** West 127th St., incl. 19,880 sq.yd., vitr. brick or sheet asphalt, 18,205 lin.ft., stone curbing, 19,260 lin.ft., 4 in. drain tile guttering, 18,880 cu.yd. earth excav., **(11)** West 111th St., **(12)** Sandusky Ave., **(13)** East 37th St., **(14)** Cedar Ave., incl. 27,520 sq.yd. vitr. brick or sheet asphalt, 23,500 lin.ft. stone curbing, 24,875 lin.ft., 4 in. drain tile guttering, 4,770 cu.yd. earth excav., from Bentley Bros., 3039 Euclid Ave., **(a1)** $11,305, **(b1)** $12,547, **(a3)** $41,933; from Garland Bros., 5806 Franklin Ave., **(a2)** $17,716, **(b2)** $19,258, **(a9)** $51,855 **(b9)** $54,785; from Highway Constr. Co., West 112th St., and Madison Ave., **(a4)** $28,280, **(b4)** $30,855, **(a6)** $85,-565, **(b5)** $86,389, **(a10)** $30,146, **(b10)** $35,490; from Roehl Bro., 7002 Denison Ave., **(a5)** $10,810, **(b5)** $11,957, **(a11)** $11,-103, **(b11)** $12,929; from Cleveland Trinidad Paving Co. The Arcade, **(a7)** $73,931, **(a13)** $11,749; from Baldwin Bros., 4,500 Euclid Ave., **(a8)** $29,555, **(b)** $33,972 **(a12)** $71,203; from River Constr. Co., Society for Savings Bldg., **(b12)** $77,767, from Rieley Bros., The Arcade, **(a14)** $169,537, **(b14)** $216,287. Noted July 16.

Wis., Milwaukee—Dept. Pub. Wks., Aug. 3, asphaltic concrete paving Newport Ave. between Oakland and Murray Aves. and Newport Ave. between Frederick and Maryland Aves.; sheet asphalt resurfacing Farwell Ave. between Franklin St. and Lafayette Pl., from Badger Constr. Co., 97 Wisconsin St., $10,588 and $23,658 respectively, and asphalt resurfacing 27th St. between Vliet and Lisbon Sts., from White Constr. Co., 68 Wisconsin St., $10,061.

Wash., Seattle — Bd. Pub. Wks., 6 in. concrete paving, etc., 9,375 sq.yd. Court St. et al., from Moceri Bros., Thompson Bldg., $29,404.

Calif., Los Angeles—Bd. Pub. Wks., from G. R. Curtis Paving Co., 2440 East 26th St., improving Vanowen St. incl. excav. $16,000, 802,358 sq.ft. 5 in. Willite paving $0.189 per sq.ft., total $172,088; from McCray Co., Amer. Bank Bldg., Los Angeles, Chester St. incl. 15,479 sq.ft. guttering $0.25, 24,543 sq.ft. sidewalks at $0.17 and 7,189 sq.ft. oiled roadway at $0.55; total $30,077; from E. T. Brown Co., 924 W. M. Garland Bldg., Kearsarge St., 5,292 lin.ft. curbing $0.47, 95,881 sq.ft. concrete paving $0.188, total $29,009; from G. A. Simpson Co., Burbank, Vineland Ave., excav. $5,868, 347,786 sq.ft. concrete paving $0.153 total $59,279.

CONTRACTS AWARDED

Vermont—Dept. Highways, State House, Montpelier, concrete paving Federal Aid Project 72-A, in Charlotte, to Frissell & Snyder, Inc., Gardner, Mass., $90,922, Federal Aid Project 77-B, in Windsor, to J. E. Ricci, 79 Elm St., Claremont, N. H., $31,-024, bituminous macadam paving Federal Aid Project 57-C, in Guilford, to Long, Cross & Burnham, Greenfield, Mass. $59,-461. Grand total $181,407.

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 4,000 ft. highway in Westborough, to E. L. Gobiele, 1147 Main St., Worcester, $22,630, 9,493 ft. highway in Wrentham, to T. J. Quinn, 101 Mendon Rd., Ashton, R. I., $86,790, rein.-con. paving 4,590 ft. highway in Taunton, to Powers Bros., 161 Montello St., Brockton, $51,689, bituminous concrete paving 3,950 ft. highway in Halifax, to O. R. Mann, South Hanover, $11,641, 1,592 ft. highway in Ayer, to Simpson Bros. Corp., 77 Summer St., Boston, $5,720 and gravel surfacing and 3 concrete bridges on 1,050 ft. highway in Conway, to F. F. McCarthy, 42 Fairmount Ave., Newton, $84,578.

Mass., Dorchester (Boston P. O.)—Dept. Pub. Wks., Boston, sheet asphalt paving in Adams St., here, to M. F. Gaddis, 6 Beacon St., Boston, $49,912. Noted Aug. 6.

Connecticut—J. A. MacDonald, comr., State Hy. Dept., Hartford, waterbound macadam paving, to J. Arborio, 82 Church St., New Haven, Sharon-Amenia Rd. in Sharon, $100,741, Gallos Hill Rd. in Norwhich, $39,499, rein.-con. paving Norwich-Putnam Rd. in Killingly, $36,748, bituminous macadam paving Stratford and Trumbull Rd. in Stratford and Trumbull, $35,-407, to M. A. Gammino, 728 Valy St., Providence, R. I., native stone macadam paving Fitchville-Montville Rd. in Bozrah, $57,839, rein.-con. paving Norwich-New London Rd. in Montville and Norwich, $151,827, to Edward Balf Co., Hartford, Hartford Ave., in Wethersfield, $24,074, to Waterbury Concrete Co., Waterbury, East Ave. in Norwalk, $65,926; to Berlin Constr. Co., Berlin, steel superstructure, incl. railing etc. for Gaylordsville Bridge in New Milford, $41,500, to C. W. Blakeslee & Sons, 58 Waverly St., New Haven, approaches etc., Gaylordsville Bridge in New Milford, $35,857, to C. A. Haggerty, Webster, Mass. Memorial Bridge over Quinnebaug River, in Putnam. $28,880. Noted July 23.

New York—A. W. Brandt, comr. highways, Albany, paving 16.3 mi. Conduit Blvd., Contracts 1699 and 5701, Nassau Co., to A. A. Johnson Corp., West St., Long Island City, $562,987. Noted Aug. 6.

N. Y., Brooklyn—J. A. Guider, boro pres., Boro Hall, to F. Persicano, 350 Fulton St., grading, curbing and flagging Church Ave., $26,568, East 28th St. $2,035, East 35th St. and Cortelyou Rd. $2,099; to W. J. McHale Contg. Co., 1250 Jefferson St., East

Streets and Roads (Continued)

34th St. $2,675, 91st St., Ridge Blvd. and 3rd Ave. $2,050; to Castle Bros., Inc., Johnson Pl., Kings Highway, $5,926, to Grimm Contg. Co., 170 McKinley St., Rutland Rd. $3,240, 8th Ave. $1,505; to Uvalde Asphalt Paving Co., Bway., New York City, asphalt paving 38th St. $6,145, Union St. $5,473, East 28th St. $5,572, East 34th St. $7,613, East 35th St. $3,975, to Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., Marine Ave. $30,801, Quentin Rd. $3,355, West 10th St. $23,650, 14th Ave. $49,663, 51st St. $11,496, 62nd St. $7,398, Ft. Hamilton Parkway $6,356, 82nd St. $6,990, 91st St. $7,025, to B. Turecamo Contg. Co., 8706 Bay 12th St., 65th St. $26,699, to Leonard Paving Co., 233 Bway., New York City, Van Brunt St. $140,336; to C. Bennett Contg. Co., 414 Rutland Rd., grading strip on West 8th St. $2,713, to Hastings Pavement Co., 25 Broad St., New York City, asphalt block resurfacing 22nd St. $5,180. Noted Aug. 6.

N. Y., New York — Park Bd., at office Dept. Parks, 64th St. and 5th Ave., repaving main road Southern Blvd. at entrance to Bronx Park, to Asphalt Constr. Co., 208 Bway., $181,035; concrete curbing Dyckman St. Park, to Brusstar Constr. Co., Harlem River and 150th St. $6,613, granite balustrade, to Coliseum Cast Stone Co., Inc., Walton Ave. and East 173rd St. $21,225; asphalt mastic paving roadway around Tompkins Sq. Park, to Sicilian Asphalt Paving Co., 41 Park Row, $5,000. Noted Aug. 6.

N. Y., New York — H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., asphalt block paving East 163rd St., to L. Di Minna, 2366 Lorrilard Pl., $30,767; grading, curbing, sidewalks, etc., on Radcliffe Ave., to Gaffney Constr. Co., 50 East 42nd St. $48,792; sheet asphalt paving Webb Ave. and bituminous concrete paving 206th St., to Interboro Asphalt Co., 2306 Creston Ave., $10,998 and $11,993 respectively; bituminous concrete paving East 179th St., to Brusstar Constr. Co., Harlem River and 150th St., $12,967; sewers in White Plains Rd., to F. Spedero, 827 East 217th St. $7,460, in Baychester Ave., to F. Gabrielle, 1129 8th Ave., $4,982. Noted Aug. 6.

N. Y., St. George—J. Lynch, pres. Richmond Boro, Boro Hall, concrete repaving Hylan Blvd., and Court Pl., to Richmond Paving Co., 48 Hylan Blvd., Rosebank. $78,609. Noted June 2.

Pennsylvania—State Hy. Dept., Harrisburg **(R. means Route and A. Application)**, to Union Paving Co., 30th and Locust Streets, Phila., improving R. 180, Delaware Co., 126,200 sq.yd. rein.-con., $3.14 per sq.yd., 59,605 cu.yd. excav. $0.90 per cu.yd., total $571,441, to A. A. Bollinger, Huntingdon, R. 33 and 55, Huntingdon Co., 10,754 sq.yd. rein.-con., $3.40, 2,723 cu.yd. excav., $1.30, total $42,353, to McDermott Constr. Co., Niles, O., R. 85 A. 3420 Erie Co., 12,460 sq.yd. rein.-con. $3, 4,413 cu.yd. excav. $1. Total $47,878. Grand total $661,672. Noted May 28, July 2 and 16.

W. Va., Clarksburg — Harrison Co., oil macadam on Telford paving 1½ mi. Meadowbrook-McCandlish Rd., 18 ft., to P. S. Hornor & Co., Clarksburg, $25,000; grading and draining 4½ mi. West Milford-Lost Creek Rd., to Fuccy Bros., Weston, $25,670; oil macadam surfacing 1½ mi. Peoria-Wyatt Rd., to Ferguson Bros., Shinnston, $33,957. Grand total $84,627.

W. Va., Cox Mills—Gilmar Co. grading main road from DeKalb Dist. to Sand Fork to E. C. Price & Co., Huntington, $120,666.

South Carolina—State Hy. Dept., Columbia, **(S.R. means State Route, F.A.P. Federal Aid Project and S.P. State Project)** surfacing 3.26 mi. S.R. 7, F.A.P. 235-A, Chester Co. to A. S. Barron, York, $3,678, sand clay surfacing 11.76 mi. S.R., 45, S.P. S-588-A, Orangeburg Co., to Newell Contg. Co. Greenville, $50,665; 100 ft., creosoted timber bridge over Seaboard Airline Ry., on S.R. 9, F.A.P. 68-A, Chester Co., to Palmer Constr. Co., Florence, $3,978; earth approaches to Chinquapin Creek bridge on S.R. 391, S.P. S-520-C, Aiken-Lexington Counties, to Ago Constr. Co., Winston-Salem, N. C., $1,690, also approaches to Scape Ore Swamp Bridge on S.R. 42, F.A.P. 238, Lee Co., to Hubbard & McCown, Florence, $1,678. Grand total $61,689. Noted July 23.

Miss., Indianola—Short Bayou D.D., Sunflower Co., 102 acres clearing and grubbing invol. 260,000 cu.yd. excav. to A. J. Harty & Co., Greenville, at $0.1194, per cu.yd. Total $31,044.

Miss., Meridian—Bd. Supervs. Lauderdale Co. improving 9.306 mi. Federal Aid Project 63-A, 9.27 acres clearing and grubbing, 48,900 cu.yd. excav., 4,310 cu.yd. borrow, 630 ft. 18 in. culvert pipe, 216.52 yd. concrete, 19,414 cu.yd. gravel, 1 mi. haul, 452,435 units gravel ½ mi. overhaul, etc. to Greenwald Constr. Co., Meridian, $99,991. Noted July 9.

Tennessee—Dept. State Hy. and Pub. Wks., Nashville, plans grading, structures, and bridging, etc., 12 mi. road Cleveland to Charleston, Bradley Co., 7 mi. road Ernestville to Cades Cove, Unicoi Co., 4 mi. road from Clarksville to Lone Oak, Montgomery Co. J. G. Creveling, Comr., Nashville.

Ohio—Dept. Highways & Pub. Wks., Columbus, to Stewart & Keiner, Moxahala, grading, bridging and paving 0.032 mi. Sect. B, and 0.68 mi. Sect. Buchtel, Nelson-Murray-Straitville Rd., Athens Co. waterbound macadam, $8,544, and $18,504 respectively; to F. H. Beckler, Athens, grading, 1.332 mi. Sect. M-2 Athens-Pomeroy Rd., Athens Co., $41,381, furnishing brick, $5,080; to Blair and Kelly, West Milton, 2.75 mi. Sect. F, Hamilton-Cleves Rd., Butler Co., furnishing gravel $2,767, 4.35 mi. Sect. A, Oxford-Millville Rd., Butler Co., furnishing gravel, $5,465; to W. H. Ringwald, Chillicothe, 3.775 mi. Sect. A, Columbus-Cincinnati Rd., Clark Co., oil macadam, $108,329, 0.848 mi. Sect. South Charleston, Columbus-Cincinnati Rd., Clark Co., rein.-con. and Hillside brick, $23,190, furnishing brick, $746; to Brewer & Brewer, Chillicothe, 0.9539 mi. Sect. Clarksville, Cincinnati-Zanesville Rd., Clinton Co., furnishing brick, $12,269, 0.0529 mi. Sect. Clarksville, Cincinnati-Zanesville, Clinton Co., brick, $28,228, Sect. Canal Winchester, Columbus-Lancaster Rd., Franklin Co., brick, $8,622, furnishing brick, $3,599, 4.087 mi. Sect. V, Portsmouth-Columbus Rd., Ross Co., brick, $104,081; to W. L. Johnson Co., Hicksville, 2 mi. Sect. A-1, Bryan-Ft. Wayne Rd., Defiance Co., concrete $54,804, 3.389 mi. Sect. B, Bryan-Ft. Wayne Rd., Defiance Co., concrete $98,724; to D. W. Botkin, Columbus, 3.487 mi. Sect. C, Columbus-Mallersburg Rd., Franklin Co., asphalt macadam, $90,885; to A. K. Grandle, Leesburg, 2.857 mi. Sect. M, and 8.447 mi. Sects. S and R, Dayton-Chillicothe Rd., Greene Co., waterbound macadam, $12,422 and $36,252 respectively; to Erman & Seible, Defiance, 1.0385 mi. Sect. B, and 0.493 mi. Sect. Deshler, Deshler-Findlay Rd., Henry Co., rein.-con., $34,543 and $11,653 respectively, 0.871 mi. Sect. G, Ottawa-Grand Rapids Rd., Henry Co., $24,693; to A. Langendefer, Toledo, 1.157 mi. Sect. C-1, Defiance-Napoleon Rd., Henry Co., Kentucky rock asphlat, $32,097, 0.98 mi. Sect. Napoleon, Defiance-Napoleon Rd., Henry Co., concrete, $28,042; to Creager Bros., Liberty Center, 1.72 mi. Sect. B-1, Holgate-Miller City Rd., Henry Co., asphalt macadam, $38,866; to A. J. Baltes, Norwalk, 2.438 mi. Sects. J and Plymouth, Plymouth-Norwalk Rd., Huron Co., rein.-con., $61,863; to Elyria Constr. Co., 220 Elyria Bldg., Elyria, $0.613 mi. Sect. Wellington North, Ashland-Oberlin Rd., Lorain Co., sheet asphalt, $25,107; to Independent Constr. Co., Lorain, 3.119 mi. Sct. T-1, Medina-Elyria Rd., Lorain Co., concrete, $76,285; to McKechnie-Pierce Co., Toledo, 6.056 mi. Sects. A, B, C and Sylvania, Toledo-Lansing Rd., Lucas Co., asphalt macadam, $96,584; to Reedy Bros., Warren, 2.51 mi. Sect. B and 1.72 mi. Sect. I, Youngstown-Pittsburgh Rd., Mahoning Co., concrete curbing, $20,370 and $14,610 respectively; to E. E. Miller, Canfield, 2.537 mi. Sect. W, Canfield-Poland, Mahoning Co., tar macadam, $42,730; to L. L. Clymer, Bluffton, 2.83 mi. Sect. H, Marion-Marysville Rd., Marion Co., Kentucky rock asphalt, $64,518, 3.503 mi. Sect. K, Fostoria-Carey Rd., Seneca Co., asphalt macadam $71,952; to Neff & Rader, Circleville, 3.503 mi. Sect. H, Cincinnati-Zanesville Rd., Pickway Co., asphalt macadam, $91,541; to Welfare Dept. of Ohio, Sect. Lexington East, Mansfield-Mt. Gilead Rd., Richland Co., furnishing brick, $3,075, Sect. V, Portsmouth-Columbus Rd., Ross Co., furnishing brick, $36,199; to Rusk and Rusk, Mansfield, 0.339 mi. Sect. Lexington East, Mansfield-Mt. Gilead Rd., Richland Co., brick, $11,908; to W. C. Brown, Chillicothe, 1 mi. Sect. P-1, Chillicothe-McArthur Rd., Ross Co., concrete $29,013; to Lee Bros. & Petticord, Clyde, 2.954 mi. Sect. I, Tiffin-Bellevue Rd., Seneca Co., asphalt macadam, $60,816; to Studebaker & Son, Canton, 3.1 mi. Sect. C, Canton-Alliance Rd., Stark Co., $106,821, furnishing brick, $29,588; to Wise Bros., Canton, 0.66 mi. Sect. G, Canton-Massillon Rd., Stark Co., brick, $21,906, furnishing brick, $6,805; to McArthur Constr. Co., Kenton, 2.716 mi. Sects. A and C, Akron-Medina Rd., Summit Co., rein.-con., $77,723, concrete $28,431; to McDermott Co., Niles, 2.05 mi. Sect. M, N-1, Chagrin Falls-Greenville Rd., Trumbull Co., asphalt macadam, $75,830; to Launder & Son, Toledo, 0.785 mi. Sect. Perrysburg, Perrysburg-Holland Rd., Wood Co., concrete, $22,693; to R. S. Wright, Newark, 3.325 mi. Sect. J, Athens-McArthur Rd., Athens Co., drainage structures, $25,396; to Stringer & Stringer, Wheeling, West Va., 2.75 mi. Sect. A, Barnesville-Bellaire Rd., Belmont Co., $23,079; to Barlow & Son, Logan, 0.367 mi. Sect. B-2, Logan-McArthur Rd., Hocking Co., $12,092; to Reimund & Bauer, Holgate, 6.51 mi. Sects. K and M, Marietta-Athens Rd., Washington Co., $68,554. Grand total $2,039,275. Noted July 23.

O., Cincinnati — Director Pub. Service, improving 8th St., 8,950 sq.yd. granite block and 1,759 cu.yd. concrete, etc., to Byrnes & Conway Co., Hazen Bldg., $80,379, granite block paving, etc., 7,000 sq.yd. Carr St., to Foley Constr. Co., Boudinot Ave. $81,280. Noted Aug. 6.

O., Cincinnati — Hamilton Co., grading and concrete paving 7,100 sq.yd. Cincinnati-Zanesville Rd., to J. L. Radabaugh, Montgomery-Park, Montgomery. $18,295. Engrs. est. $25,000. Noted Aug. 6.

O., Sebring — City, brick paving West Oregon Ave., and resurfacing 15th St., to G. B. Herring & Son Co., Mansfield, $29,948 and $25,653 respectively.

Michigan—State Hy. Dept., Lansing, concrete paving 2.286 mi. Trunk Line Rd. 13-10 Sec. C, St. Joseph Co. and 2.257 mi. Federal Aid 203, Sect. A to H. C. Nelson, Muskegon, $57,724 and $49,625, respectively. Noted Aug. 6.

Michigan—State Hy. Dept., at office Comrs. Huron Co., Bad Axe, concrete paving 1.248 mi. Trunk Line Rd. 31-16, to Murray & Fremont, Bad Axe, $34,899; 0.948 mi. Trunk Line Rd. 31-15 to R. Miller & Co., Bay City, $25,652. Noted July 16.

Illinois—State Dept. Pub. Wks., Hy. Div., Springfield, C. R. Miller, dir., paving State Project 36, Sects. 3 and 4, Hancock Co., to Cameron, Joyce & Co., Keokuk, Ia., $103,396 and $93,259 respectively.

Ill., Galesburg—H. M. Roy, Court House, supt. Highways and S. A. Road Com., furnishing, heating and spreading 600,000 gal. road oil on 260 mi. various roads, Knox Co., to Monarch Asphalt & Road Oil Co., 1019 Peoria Life Bldg., Peoria at $0.0569 and $0.059 per gal. Noted July 16.

Ill., Marengo—Bd. Local Impvts., City Hall, concrete paving 11,100 sq.yd. and 1,300 ft. 10 in. vitr. tile sewers in various streets, to Illinois Hydraulic Stone Constr. Co., Elgin, $37,612. Noted July 23.

Ill., Mount Vernon—For 5,000 sq.yd. 3 in. brick on concrete and 19,000 sq.yd. concree paving, combination curbing and guttering in Dist. 31, to Midwest Eng. Co., Mount Vernon, $29,787, Dist. 34, to Sager & Vinyard, Benton, $48,871.

Ill., Palestine—Grading, curbing and concrete paving, etc., various streets, to Milburn Bros., Rockford, $228,590. Engrs. est. $250,000.

Wis., Fond du Lac—G. Trevelen, highway comr., Fond du Lac Co., to R. Foll, Deerfield, gravel surfacing Brandon-Fairwater Rd., $8,064, to J. Zielke, Oakfield, gravel surfacing Eldorado-Ragersville Rd., $7,068, County Trunk N, $8,850 and Brandon-Kohls Corners Rd., $15,480. Grand total $39,442. Noted July 23.

Ia., Carroll—Carroll Co., grading 11 mi. various roads to Finley Constr. Co., Nebraska City., Neb., 14,300 sq.yd. graveling to Kaiser Gravel Co., Pocahontas.

Ia., Chariton—Lucas Co. improving 4,529 mi. Federal Aid Project 223, invol. 200 yd. approach, excav., 1,800 yd. channel excav., 1,000 yd. loose rock, etc., to J. C. Parquette, 314 Southeast 5th St., Des Moines.

Ia., Marshalltown—Marshall Co., improving 10.72 mi. Secondary Rd. 1 and 9, incl. 24,068 yd. grading to W. J. Bennethum, Bayard, $0.24 per cu.yd., graveling to Moore & Eldrige, Clemons, $16,208, rein.-con. culverts to Ingersol Stoufer Eng. Co., Marshalltown, $2,125.

Ia., Primghar—O'Brien Co. 15.5 mi. gravel surfacing Primary Road Project 10 to Linnan Constr. Co., Pocahontas, $24,275.

Kan., Erie—Neosho Co. modified Topeka on concrete paving 1.5 mi. road west of Chanute to Fry Bros. Constr. Co., Iola, $32,732.

Kan., Kansas City—Wyandotte Co., rock asphalt on concrete paving 1.32 mi. Ridgeview Rd., to Roudebust & Roberts Bros., 6th and Northwestern Aves., $61,665.

Nebraska — State Hy. Dept., Lincoln—, improving 4.5 mi. D. L. Dhyra Gretna-Douglas Rd., Sarpy Co., grading, to G. Condon Co., 511 Farnam Bldg., Omaha, $11,205, graveling, to Yant Constr. Co., 905 Omaha Natl. Bank, Omaha, $7,844, culverts, to Metz Constr. Co., Springfields, $6,015,

Streets and Roads (Continued)

and bridge, etc., to Monarch Engr. Co., Falls City, $6,425. Grand total $31,489.

South Dakota—State Hy. Comn., Pierre, will pave 2 mi. Federal Aid Project 12, Minnehaha Co., 18 in. concrete, by day labor.

Ark., Little Rock—Grading, curbing and 6 in. concrete paving various streets in Paving Dist. 413, to Grady-Garms, 429 Southern Trust Bldg., Little Rock, $23,241.

Tex., Cameron—Milan Co. grading and gravel surfacing 5 mi. State Highway 6, to Thomas & Ratliff, Rogers, $29,184. Engrs. est. $30,000.

Tex., San Benito—Paving 6 blocks various city streets to Dodd & Wedegartner, San Benito, approximately $35,000.

Okla., Holdenville—Grading and concrete surfacing 9,200 sq.yd. South Echo St., 28 ft., to Dougherty-Nichols-Wiggins Co., Muskogee, $27,854. Noted June 11.

Buildings—Industrial

PROPOSED WORK

Pa., Phila.—BOILER HOUSE—Blumenthal Bros., Margaret and Bermuda Sts., having revised plans prepared by Ballinger Co., 12th and Chestnut Sts., 1 water tube boiler house, 500 hp. coal stoker and power piping, etc., Margaret and James Sts. Former bids rejected. Noted June 25.

Pa., Phila.—PLANT—General Electric Co., Witherspoon Bldg., plans unit 10 of plant, 68th and Elmwood Sts. Harris & Richards, Drexel Bldg., archts.

Ga., Savannah—POWER PLANT—Savannah Electric Power Co., 27 Bay St., plans increasing capacity of main steam plant, etc. $400,000.

Tenn., Jackson—LIGHT PLANT—Voted $60,000 bonds for extensions to municipal light plant.

Tenn., Memphis—LAUNDRY—Memphis Steam Laundry, North Second St., had plans prepared by E. L. Harrison, Fidelity Bldg., 2 story and basement, brick, Jefferson Ave. $350,000. Noted July 2.

O., Cleveland—FACTORY—S. Weinberg, c/o M. Weis, archt., 617 Union Bldg., having plans prepared 1 story, 118 x 139 ft., brick and steel, East 14th St. and St. Clair Ave. $75,000.

O., Youngstown — FOUNDRY — Youngstown Fdry. & Mchry. Co., 365 East Boardman St., had plans prepared, 1 scory, 120 x 250 ft. brick and structural steel, Poland Ave. $200,000. Private plans. Noted July 23.

Ill., Jacksonville—POWER PLANT and GYMNASIUM—Illinois College having preliminary plans prepared by H. Shaw, 104 South Michigan St., Chicago, 1 story and basement, rein.-con. and brick power plant and gymnasium. $300,000.

Wis., Green Bay—STEAM and POWER PLANT—North America Power Co., Public Serv. Bldg., Milwaukee, having preliminary plans prepared by F. Luber, c/o owner, 2 story, brick, steel and concrete, plain foundation, on Fox River. $2,000,000. J. Anreson, c/o owner, engr.

Wis., Ladysmith — CREAMERY—Ladysmith Milk Producers' Co-operative Assn., E. L. Jay, pres., plans 2 story brick and concrete, plain foundation, here. $40,000. Architect and engineer not selected.

Wis., Marathon—ICE CREAM PLANT—Meier Ice Cream Co., having plans prepared by G. A. Krasin, Central Ave., Marshfield, 2 story, 40 x 62 ft., brick and concrete, plain foundation. $40,000.

Wis., Milwaukee — PUBLIC SERVICE BUILDING—Judell & Bogner, archts., 445 Milwaukee St., take bids about Aug. 15, remodeling 2 story, structural steel, concrete etc. for Milwaukee Electric Railway & Light Co., Public Service Bldg. $150,000.

Wis., Prairie du Sac - - HYDRO-ELECTRIC POWER PLANT- -Wisconsin River Power Co., L. J. Clark, Gay Bldg., Madison, secy., plans rein.-con., brick and steel, plain foundation, on Wisconsin River, here. Engineer and architect not selected.

Kan., Kansas City—Municipal Water and Light Dept., having plans prepared by A. L. Mullergren, Gates Building, Kansas City, Mo., for complete boiler plant. $760,000.

Mo., Kansas City—POWER HOUSE—See "Buildings—Commercial."

Tex., Carrizo Springs — PACKING and COOLING PLANT—W. H. Shaw, Carrizo Springs, plans concrete, brick and timber cooling and packing plant. $40,000. Private plans.

Tex., Victoria—Middle West Utilities Co., Frost Bldg., San Antonio plans constructing rein.-con. brick, stone and steel, turbine and electric generating plant. $400,000. Private plans.

Que., Quebec — PAPER MILL — Angleo Canadian Pulp & Paper Co., F. W. Clarke, pres. having plans prepared by G. F. Hardy, 309 Bway., New York, four unit mill, Limoilon St. $15,000,000.

Ont., Oshawa — SUB-STATION — Hydro Electric Power Comn., 190 University Ave., Toronto, plans electric substation, here, with 3,000 kva. transformer. $50,000. F. A. Gaby, 190 University Ave., ch. engr.

BIDS DESIRED

Mass., Chelsea—PLANT—Gordan & Gerber, 20 Sumner St., taking bids 1 story, 60 x 150 ft., timber addition, Spruce St., $40,000. S. S. Eisenberg, 46 Cornhill Ave., Boston, archt.

Mass., Somerville (Boston P. O.)—REPAIR AND SERVICE GARAGE—I. S. Stone, 53 State St., Boston, taking bids 1 story, rein.-con. and brick, Magoun Sq. $40,000. F. A. Norcross, 46 Cornhill St., Boston, archt. Noted Aug. 6.

Mass., Watertown — FACTORY—F. C. Hersee Co., 22 Parkman St., Brighton, will build 1 story, 15,000 ft. floor space, brick and timber, Galen St. $60,000. Work will be done by separate contract. Noted Feb. 26.

O., Dayton—FREIGHT HOUSE—Cleveland, Cincinnati, Chicago & St. Louis Ry., Union Central Bldg., Cincinnati, taking bids 1 and 2 story, 60 x 240 ft., rein.-con., and brick freight house, Monument St. $250,000. Private plans.

Mich., Iron Mountain—GAS PLANT—Iron Mountain Gas Co., W. Clausen taking bids 2 story, brick, concrete and steel gas plant. $125,000. Private plans.

Ill., Chicago—FACTORY—Aug. 25, by D. S. Klafter, archt., 64 West Randolph St., 4 story and basement, 50 x 116 ft., brick and timber, 2127 South Racine Ave., for International Furniture Co., 2127 South Racine Ave. $100,000.

CONTRACTS AWARDED

Mass., Lowell—REPAIR AND SERVICE GARAGE—T. E. Parker, 142 Chestnut St., 2 story, rein.-con. repair and service garage, East Merrimac St., to D. H. Walker, 17 Thorndike St., Archts. est. $50,000.

Mass., Webster—SHOP—S. Slater & Sons, Inc., 2 story and basement, 52 x 103 ft., color shop, 1 story, 57 x 102 ft. aniline building, both brick, to Wales-Lines Co., 134 State St., Meriden, Conn. Noted July 30.

Mass., Winchester—POWER HOUSE and LAUNDRY—Winchester Hospital, 1 story, brick, Valley Rd. to Holt-Fairchild Co., 7 Water St., Boston, Archts. est. $40,000. Noted June 18.

N. Y., New York — FACTORY — Alrub Realty Co., c/o R. G. Cory, 30 Church St., archt. and engr., 6 story, rein.-con., steel and brick, plain foundation, Walnut Ave. and 134th St., to White Constr. Co., 95 Madison Ave. Engrs. est. $200,000.

Pa., Connellsville—SILK MILL—Connellsville Silk Co., 3 story, 62 x 118 ft., brick and steel to J. F. Haldeman, 5941 Baum Bldg., Pittsburgh. Archts. est. $50,000. Noted July 9.

Pa., Phila. — FACTORY — H. H. King, archt., 6752 Germantown Ave., 4 story and basement, 45 x 70 ft., brick, plain foundation, Germantown Ave. and Pastorius St. to R. M. Peterson & Son, 6 Queen Lane, for J. R. Kendrick Co., Inc. Archts. est. $40,000 Noted July 16.

Pa., Wilkinburg — SUB-STATION — Duquesne Light Co., 435 6th Ave., Pittsburgh, 1½ story and basement, 37 x 50 ft., brick, steel and concrete, Pennsylvania Ave. and Swissvale St., to D. P. Robinson Co., 3777 5th Ave., Pittsburgh. Archts. est. $50,000.

O., Cleveland — ANNEALING ROOM — Chisholm Moore Co., 4556 Lakeside Ave., 1 story, 54 x 73 ft., brick and steel, to Griffin Constr. Co., 5511 Euclid Ave. Archts. est. $40,000.

Ind., Anderson—FACTORY—Natl. Tile Co., 26th and Pitt Sts., 1 story and basement, 75 x 310 ft., rein.-con. and steel, plain foundation, East 26th St., to Eshelman & Sons, 718 Jackson St. $72,000.

Mich., Detroit—FACTORY—Hupp Motor Car Corp., 3501 East Milwaukee St., rein.-con., brick and tile addition to Building 8, to Everett Winters Co., 1024 Book Bldg. Approximately $150,000.

Mich., Detroit—FACTORY—Packard Motor Car Co., East Grand Blvd., 1 story, steel, brick and concrete, shipping building, to Everett Winters Co., 1024 Book Bldg., Detroit. Approximately $100,000. Noted June 25.

Wis., Baraboo—REPAIR SHOP—W. Halbersleben, Comr. Sauk Co., 1 story, 40 x 100 ft., rein.-con., brick and steel, plain foundation, here, to H. Grof, Baraboo, $40,000. Noted July 9.

Wis., Burlington—FACTORY—Burlington Factory Advancement Assn., J. Wolf., pres., 1 story, 60 x 154 ft., brick and timber, plain foundation, here, to Luetten & Schwartz, Burlington. $40,000. Futurist Co., 308 West Erie St., Chicago, Ill., lessee.

Wis., Cedar Grove—SHOE FACTORY—Cedar Grove Shoe Mfg. Co., 2 story and basement, brick and timber addition, plain foundation, to F. Wiltgen, Cedar Grove. $40,000.

Wis., Green Bay—SHOPS—Northwest Eng. Works, Howard St., fabricating and erecting 1 story, 80 x 120 ft. and 82 x 100 ft., brick and steel addition, to L. Hansen & Sons, 527 South Ashland Ave.; structural steel, to Wisconsin Bridge & Iron Co., North Milwaukee. To exceed $40,000.

Wis., Milwaukee — SERVICE — International Harvester Co., 217 Oregon St., 1 story, 48 x 80 x 120 ft., rein.-con. and brick addition, plain concrete foundation, Reed St., to Dahlman Constr. Co., 456 Bway., $50,000. Noted July 30.

Wis., Racine — FOUNDRY — Lakeside Malleable Casting Co., 23rd and Clark Sts., general contract for 1 story, 83 x 280 ft., brick and steel, plain foundation, to Nelson & Co., Janes Block, structural steel, to Wisconsin Bridge & Iron Co., North Milwaukee. Archts. est. $40,000. Noted May 28.

Minn., Newport—PACKING PLANT—Cudahy Packing Co., 111 West Monroe St., Chicago, Ill., plans overhauling plant, here. $100,000.

Mo., Bagnell—POWER HOUSE—Missouri Hydro Electric Power Co., Land Bank Bldg., Kansas City, main power plant including six or seven 7,000 hp. turbines each operating 5,000 kw. generator; also dam 95 ft. high, forming lake 1 mi. wide and 50 mi. long to Bickel Constr. Co., 902 Pioneer Trust Bldg., Kansas City. $12,000,000. Clarke E. Jacoby, 700 Interstate Bldg., Kansas City, engr.

Calif., Fresno—SHOP—State Hy. Comn., Forum Bldg., Sacramento, maintenance shop here, to J. P. Williams, Fresno, $29,292. Engrs. est. $30,065. Noted July 23.

N. B., Grand Falls—POWER HOUSE—Electric Power Comn., St. John, brick, concrete and steel power house, sluice dam, etc., on St. John River, here, to Dominion Constr. Co., Royal Bank Bldg., Toronto, $1,546,556. Engrs. est. $3,000,000.

Buildings—Commercial

BIDS DESIRED

Me., Biddeford—NURSES HOME—Webber Hospital, E. H. Goldthwaite, chn., taking new bids 2 story and basement, brick and stone, plain foundation, Elm St., $150,000. H. S. Coombs, 11 Lisbon St., Lewiston, Me., archt. Former bids rejected. Noted July 2.

Mass., Northampton—HOSPITAL—Aug. 19, by W. A. Merrill, bus. agent, State House, 2 story and basement, brick building, Northampton State Hospital, for Commonwealth of Massachusetts, Dept. Mental Diseases. $200,000.

Mass., Wellesley — DORMITORY — Aug. 28, by Day & Klauder, archts. Franklin Bank Bldg., Pittsburg, Pa., 4 story and basement, rein.-con. brick and steel, plain foundation, for Wellesley College, here. $300,000. Noted June 22.

Mass., Worcester—OFFICE—F. W. Taylor, 438 Main St., taking bids 10 story and basement, brick, plain foundation, to exceed $150,000. Cutting, Carlton & Cutting, 44 Front St., archts.

Del., Dover—STATE HOUSE—Aug. 24 by State and Brown & Whiteside, archt., Dupont Bldg., Wilmington, 3 story and basement, 50 x 100 ft., brick addition, plain foundation. $150,000. Noted Aug. 6.

Ill., Chicago—APARTMENT—Aug. 15, by McNally & Quinn & Co., archts., 10 South La Salle St., 7 story and basement 50 x 150 ft., rein.-con., and brick, 6241 Winthrop Ave., $260,000. Owners name withheld.

Ill., Chicago—APARTMENT—Aug. 25, by A. W. Swayne, 400 North Michigan Blvd., 17 story, 150 x 150 ft., rein.-con. and terra cotta or stone, 5830-5840 Stony Island Ave. $2,000,000. P. F. Olson, 720 Cass St., engr.

Ill., Chicago—APARTMENT—Aug. 31, by D. S. Klafter, archt., 64 West Randolph St., 3 story and basement, 50 x 135 ft.,

Buildings—Commercial (Continued)

rein.-con. and brick, for M. Glasser, 4035-37 North Kenmore Ave. $250,000.

Ill., Chicago—APARTMENT—Aug. 31, by D. S. Klafter, archt., 64 West Randolph St., 6 story, 50 x 140 ft., rein.-con. and brick, for J. Glasser, 4826-28 Sheridan Rd. $750,000.

Ill., Chicago—THEATRE—Aug. 15, by J. E. O. Pridmore, archt., 38 South Dearborn St., 4 story and basement, 108 x 193 ft., rein.-con., brick and steel, Sheridan Rd. near Irving Park Blvd., for Oscher Bros., 508 South Wabash Ave., Chicago.

Ill., Chicago—THEATRE and OFFICE—G. M. Cohen, 1840 Bway., New York City, taking bids 6 story, 100 x 142 ft., rein.-con. and steel, 111 North Clark St., here. $750,000. Rebori, Wentworth, Dewey, McCormick, 332 South Michigan Ave., archts. Noted July 16.

Neb., Grand Island—TEMPLE—Aug. 25, by Masonic Building Com., 6 story and basement, rein.-con., here. $150,000. Kirschke & Baker, Grand Island, archts. Noted May 21.

Minn., St. Paul—HOTEL—See "Contracts tracts Awarded."

Ark., Lonoke—COURT HOUSE—Aug. 24, by Bd. Comrs., Lonoke Co. 3 story, 62 x 216 ft., brick, steel and concrete courthouse and jail. H. R. Burke, 307 Southern Trust Bldg., Little Rock, engr. Noted Mar. 19.

Okla., Hollis—COURT HOUSE—Aug. 17, by H. H. Smith, clk., 2 story and basement, 86 x 146 ft., rein.-con. and brick, plain foundation, Main St., for Harway Co., $150,000. Butler Co., Oil Exch. Bldg., Oklahoma City, archts.

BIDS RECEIVED

N. Y., New York—HOSPITAL—R. S. Coler, comr. Dept. Pub. Welfare, Municipal Bldg., Bronx General Hospital, East 167th St. and Walton Ave., general contract from Lustbader Constr. Co., 101 Park Ave., **(a)** $2,142,000, **(b)** $2,156,000, plumbing, etc., from P. F. Kenny Sons, 33 Old Bway., **(a)** $261,800, **(b)** $258,800, heating and ventilation, etc., from Baker Smith Co., 576 Greenwich St., $385,700, electrical work, etc., from General Electric Insp. Co., 237 Fulton St., $53,962. Noted July 23.

Ia., Des Moines—TEMPLE—J. J. Jones, recdr., Sa Ga Sig Lodge A.A.O.N.M.S., c/o S. H. Harlen, 702 South 6th St. and Sawyer & Watrous, archts., 401 Hippee Bldg., Aug. 3, 3 story and basement, steel, rein.-con., brick and stone, from J. & W. A. Elliott Co., 906 Liberty Exch., Minneapolis, Minn. $678,445. Noted July 30.

Tex., Wichita Falls—HOSPITAL—State Bd. Control, Austin, 2 story, 107x187 ft., rein.-con. and brick, ward buildings here for Northwestern Texas Hospital of Insane, from R. H. Brown, McKinney, $198,000. Noted June 11.

CONTRACTS AWARDED

Mass., Medford (Boston P. O.)—STORE and OFFICE—Shikes & Long, 18 Tremont St., Boston, 2 story and basement, 75 x 135 ft. and 30 x 40 ft. brick and stone, Medford Sq., to Browne & Fay, Salem St., here. Archts. est. $175,000. Noted Apr. 30.

Mass., Quincy (Boston P. O.)—APARTMENT—Clar, Beatty & Gallagher, archts., 13 Temple St., 5 story and basement, 45 x 70 x 95 ft., brick and steel, Fenno St., to Curtis & Swift Inc., 38 Kilby St., Boston, Archts. est. to exceed $150,000. Owner's name withheld. Noted July 23.

Mass., Rosindale (Boston Sta.)—THEATRE—Rosindale Rialto Theatre, Rosindale Sq., 1 and 2 story, brick, Washington and South Sts., to Morgan Dyer, 57 Cornhill St. Archts. est. $150,000. Noted July 16.

Conn., Hartford—OFFICE and STORE—Ratner Constr. Co. will build 2 story and basement, 90 x 112 ft., brick and steel, Village and Pleasant Sts. $150,000. By day labor. J. Weinstein, Chapel St., archt.

N. Y., New York—APARTMENT—P. H. Constr. Co., c/o C. Krevmborg & Son, archts. and engrs., 2534 Marion Ave., will build 6 story, brick, steel and stone, plain foundation, Tiebout Ave. by day labor. $180,000.

N. Y., New York—APARTMENT—S. F. Constr. Co., c/o Springsteen & Goldhammer, archts. and engrs., 31 Union Sq. will build 5 story, brick, steel and stone, plain foundation, Nelson Ave. $150,000.

N. Y., New York—APARTMENT—Ninto Building Corp., c/o J. M. Felson, 250 West 57th St., archt., will build 15 story, 89 x 100 ft., brick, steel and stone, plain foundation, 2490 Broadway, by day labor $1,500,000

N Y., New York—LOFT—E. C. Rowe, Inc., 39 Wall St., 6 story, 75 x 180 ft., rein.-con., brick and steel, plain foundation, 44 West St, to Barney Ahlers Corp., 110 West 40th St. Engrs. est. $300,000.

N. Y, New York—OFFICE—Eastern Office, Inc, 347 Madison Ave., 30 story, 250 x 275 ft., brick, stone and steel, plain foundation, twin office buildings, Lexington Ave., Depew Pl., 43rd and 44th Sts., to Todd, Robertson & Todd Eng. Corp., 347 Madison Ave. Engr. est. $29,000,000.

N. Y., New York — WAREHOUSE — Vacuum Oil Co., 61 Broadway, rein.-con., brick and steel, concrete pile foundation, East 10th St. and East River, to Turner Constr. Co., 244 Madison Ave. Engrs. est. $175,000.

Pa., Jenkintown — APARTMENT — Greenwood Realty Co., Greenwood and Florence Sts., 7 story and basement, 64 x 141 ft., brick and steel, plain foundation, to Gill Constr. Co., City Centre Bldg. Archts. est. $400,000.

Pa., Mt. Lebanon — HOME — Hamilton Home for the Aged, 3 story and basement, to Golden & Crick, 3512 5th Ave., Pittsburgh. Archts. est. $150,000. Noted July 30.

Pa., Pittsburgh—APARTMENT—J. M. Donn, 1219 Connecticut Ave., Wash., D. C., 9 story and basement, 111 x 205 ft., brick and stone, Ellsworth Ave., here to Boyle Robertson Constr. Co., 16th and Harvard Sts., N.W. Archts. est. $1,000,000. Noted July 9.

Pa., Pittsburgh—WAREHOUSE—H. J. Heinz Co., North Side, warehouse, River Ave., to Hughes Foulkrod Co., 7th Ave., archts est. $150,000.

Pa., Washington—HOSPITAL—Washington Hospital Assn., A. Donnan, chn., building Comn., 4 story, 72 x 225 ft., brick and concrete, to Huffer Constr. Co., 128 Western Ave., Fond du Lac, Wis. Archts. est. $650,000.

O., Cleveland—COMMERCIAL and APARTMENT—A. Greenwald, and S. H. Stecker, Society for Savings Bldg., 3 story and basement, 60 x 146 ft., brick and timber, West 116th St. and Clifton Blvd. to A. Krinsky, 9805 Adams St. Archts. est. $200,000.

O., Columbus—DEPARTMENT STORE—F. & R. Lazarus, S. Lazarus, pres., 161 South High St., 7 story and basement, brick, steel and concrete addition, Front and Chapel Sts., to R. H. Evans Co., Ferris Bldg. Archts. est. $700,000. Noted Aug. 6.

Ill., Chicago — APARTMENT — Seneca Building Corp, 616-310 South Michigan Blvd., 15 story and basement, 110 x 200 ft., rein.-con. and brick, Chestnut and Seneca St., to Paschen Bros., 111 West Washington St., $3,000,000.

Minn., St. Paul—HOTEL—R. E. Kimball, 205 Exch. Bank Bldg., will build 4 story and basement, 68 x 109 ft., brick hotel, 545 North Snelling Ave., by day labor. $175,000. R. G. Zelzer, c/o owner, archt.

Kan., Hutchinson—ADMINISTRATION—State will build 2 story and basement, fireproof, administration building, here, by day labor. $150,000. C. D. Cuthbert, Topeka, archt.

S. D., Sioux Falls—THEATRE—Finkelstein & Ruben, 425 Loeb Arcade, Minneapolis, Minn., 2 story and basement, 72 x 150 ft., rein.-con., brick, tile and stone, general contract to H. Carlson, Sioux Falls, $250,000. Noted April 30.

Tex., El Paso—HOTEL—C. A. and A. C. DeGroff, 11 story and basement, 120 x 130 ft., rein.-con., brick and stone, plain foundation, Mill St. and Mesa Ave., to Ramey Bros., 901 Mills Bldg. $950,000 approximately. Archts. est. $1,000,000. Noted July 30.

Tex., Greenville — HOTEL — Greenville Hotel & Investment Co., c/o J. L. Collins, pres., 7 story and basement, 80 x 100 ft. rein.-con and brick, Washington & St. John Sts. to Shepherd Bros. & Co., $375,000 approximately. Archts. est. $400,000. Noted Jan. 8.

Okla., Tecumseh—COURT HOUSE—A. C. Davis & Son, archts., Shawnee, 3 story and basement, 80 x 110 ft. court house, and 41 x 60 ft. jail on top, rein.-con. brick and stone, to Cowan Bros., Shawnee, for Pottawatomie Co. Court.

Buildings—Educational, Religious

PROPOSED WORK

Mass., Dorcester (Boston P. O.)—SCHOOL—St. William's Roman Catholic Church, D. J. Murphy, pastor, Dorchester Ave. having sketches made by T. E. Sheehan, 120 Boylston St., Boston, 2 story and basement, brick and stone, Savin Hill Ave., Tuttle & Sydney Sts. here. $150,000.

Mass., Gardner — CHURCH — Methodist Episcopal Church, C. Clark, pastor, having preliminary plans prepared by Lamb & Swift, 142 Lunenburg St., Fitzburg, 1 story and basement, brick and stone, Chestnut St., $150,000.

Mass., Hamilton — CHURCH — Christ Church having sketches made by Smith & Walker, 1 story and basement, brick, stone and granite, $150,000.

Mass., Hawthorne—SCHOOL — Trustees of Essex Co. Agricultural School, Court House, Salem, having revised plans prepared by Sanborn & Weed, 58 Exchange St., Lynn, 2 story and basement, 56 x 72 ft., with 43 x 43 ft. wing, brick and stone, $150,000. Former bids rejected. Noted July 16.

Pa., Brownsville—HIGH SCHOOL—J. H. Harman, archts., Fayette Title & Trust Bldg., Uniontown, takes bids about Aug. 16, 2 story and basement, 78 x 124 ft., brick and steel for Bd. Educ. $150,000. Noted July 23.

Miss., Laurel — HIGH SCHOOL — City voted $225,000 bonds for new junior high school and repairs to existing structures.

O., Delaware—PHYSICS, RECITATION, etc.—Ohio Wesleyan University, J. W. Hoffman, pres., plans physics building, $200,000, recitation $150,000, arts and treasure $100,000, education $100,000, and oratory, $100,000. Engineer and architect not selected.

Ind., Anderson—SCHOOL—City School Bd. having plans prepared by E. R. Watkins, 2 story and basement, 150 x 175 ft., brick., 13th and Pearl Sts. $150,000.

Mich., Baraga—SCHOOL—Bd. Educ. having plans prepared by F. E. and G. F. Parmelee, archts., Iron Mountain, 2 story and basement, brick and tile grade and high school. $150,000.

Mich., Detroit—SCHOOL—Bd. Educ., c/o J. D. Chubb, 109 North Dearborn St., Chicago, archt., takes bids about Aug. 15, 3 story and basement, 200 x 250 ft., rein.-con. and brick school. $375,000. Noted Mar. 19.

Ill., Glencoe—ELEMENTARY SCHOOL—Bd. Educ. having plans prepared by F. C. Warner and W. R. McCormack, Bulkley Bldg., Cleveland, Ohio, 2 story and basement, brick, steel and concrete. $200,000.

Ill., Jacksonville — GYMNASIUM — See "Buildings Industrial."

Ill., Kenilworth — AUDITORIUM and ATHLETIC FIELD—New Trier Twp., c/o Bd. Educ., here, having plans prepared by F. C. Warner and W. R. McCormack, Bulkley Bldg., Cleveland, Ohio, 1 story, brick, steel and concrete auditorium with athletic field. $150,000.

Wis., Madison—REFECTORY—University of Wisconsin, M. McCaffrey, secy., having plans prepared by A. Peabody, State Capitol, rein.-con., brick and steel, plain foundation. $150,000.

Wis., Racine—SCHOOL—St. Edwards Congregation, J. Bott, 1330 Grove Ave., pastor, had plans prepared by J. M. Matson, Baker Block, and soon takes bids 2 story and basement, 70 x 127 ft., brick and concrete, plain foundation. $150,000.

Kan., Hays — LIBRARY—State Bldg. Comn., Topeka, T. J. O'Neil, mgr. takes bids about Sept. 1, 3 story, 100 x 150 ft. rein.-con. stone library for State Teachers College, here. $150,000. C. D. Cuthbert, 735 Kansas St., Topeka, archt.

S. D., Brookings—SCHOOL—Northern Normal & Industrial School, H. W. Foght, pres., plans 3 story and basement, rein.-con. brick and stone, $200,000. Engineer and architect not selected.

Mo., St. Louis—SCHOOLS—Bd. Educ., 911 Locust St., having preliminary plans prepared by R. M. Milligan, comr., 911 Locust St., school for deaf children, Grand and Henriette Sts., $200,000, Lowell Grade School, College and Von Phul Sts., $250,000 and Canterbury Grade School, Canterbury and Ellendale Sts., $250,000, all brick, concrete and stone.

Tex., Nacogdoches—LIBRARY—S. F. Austin, State Teachers' College, Bd. Regents, c/o secy. having plans prepared by W. E. Ketchum, archt. Pope Bldg., Austin, 3 story, 68 x 200 ft. brick and stone, $200,000.

Okla., Wewoka—HIGH SCHOOL—Defeated election July 30 $150,000 bonds for new high school for Bd. Educ.

Ont., Kingston—SCHOOL—Bd. Educ., having plans prepared by C. Drever, 81 Brock St., 2 story and basement, 8 or 10 story, rein.-con. and brick, plain foundation. Victoria St. $150,000.

Ont., Toronto—CHURCH—Holy Rosary Roman Catholic Church, St. Clair and Kendal Aves. having plans prepared by A. W. Holmes, 79 St. Joseph St., 1 story and basement, brick, stone and concrete, St. Clair Ave. $160,000. Noted Apr. 23.

Buildings—Educational, Religious (Cont.)

BIDS DESIRED

Mass., Worcester—SCHOOL—City, Pub. Bldg., Dept. City Hall, taking bids, 2 story and basement, brick and steel, Ward St., $150,000. E. P. Fitzgerald, 340 Main St., archt. Noted June 16.

Conn., New Britain — SCHOOL — School Bd., J. M. Halloran, taking bids, 2 story and basement, brick and steel, Steele St., $150,000. W. P. Brabtree, 279 Main St., archt.

Conn., New Haven — CHURCH — St. Anne's Roman Catholic Church, V. J. Cameta, chn., 77 Gorham St., Hamden, taking bids, 1 story and basement, 45 x 115 ft., brick and steel, Arch & Dixwell Aves., $150,000. F. Rubino, 593 Howard Ave., archt. Noted July 30.

Conn., North Haven—SCHOOL—Sept. 1, by School Bd., City Hall, 2 story and basement, 60 x 112 ft., brick and steel, $150,000. Brown & Von Beren, 185 Church St., New Haven, archts.

Conn., West Haven—HIGH SCHOOL—School Bd. taking bids 2 story and basement, 120 x 240 ft., brick and steel, Main St., $350,000. R. W. Foote, 185 Church St., archt. Noted July 30.

Pa., Williamsport — HIGH SCHOOL—Aug. 31 by H. A. Sterner, secy., Williamsport School Dist., 229 West 3d St., 2 story and basement, 172 x 260 ft., brick and steel, 7th Ave, $300,000. Guilbert & Betelle, 20 Branford Place, Newark, N. J. archts. Noted June 18.

O., Cleveland Heights (Warrensville P. O.)—HIGH SCHOOL—Aug. 24 by Bd. Educ., C. B. Roche, clk., 1781 Lee Rd., 2 story and basement, brick, steel and concrete, addition, Roxboro St. $450,000. J. H. Graham & Co., 1612 Euclid Ave., Cleveland.

O., Dayton—SCHOOL—Aug. 31 by Bd. Educ., C. S. Schmidt, secy., Ludlow Bldg., 2 story, rein.-con., and brick, plain foundatio, Troy and Leo Sts., $500,000. Architectural Dept. Bd. of Education, archts. Noted May 14.

O., South Euclid—HIGH SCHOOL—Aug. 31 by Bd. Educ., P. Prasse, clk., 2 story, brick, steel and concrete, $400,000. A. M. Allen & Co., 7016 Euclid Ave., Cleveland, archts.

S. D., Spearfish—SCHOOL—Sept. 3, by Regents of Educ., H. Gamble, secy., Pierre, 3 story and basement, rein.-con., brick, tile and stone, State Normal School, $275,000. J. Berg, Pierre, State engr., and G. F. Fossum, Aberdeen, archt. Noted March 12.

Ark., Hot Springs—HIGH SCHOOL—Aug. 29, by U. McKenzie, supt. Bd. Hot Springs Special School Dist., No. 6, 3 story, 134 x 138 ft., rein.-con., brick and stone, junior high school, Oak and Olive Sts. Mann & Stern, 708 A. O. U. W. Bldg., Little Rock, archt. Noted May 21.

Ont., Toronto—SCHOOL—Aug. 14, by W. W. Pearse, 155 College St., 2 story and basement, 8 room, school for Bd. of Educ. C. Dyson, 155 College St., archt.

BIDS RECEIVED

Minn., Minneapolis — SCHOOLS — Bd. Educ., G. F. Womrath, 305 City Hall, supt., two schools, 3 story and basement, rein.-con., brick and tile, one at 42d Ave. S. and 36th St., from Bracker Constr. Co., 752 Builders Exch., $279,688 and other at 13th Ave. S. and 24th St., from J. C. Nelson & Son, 915 North East Bway., $75,000. Noted July 23.

CONTRACTS AWARDED

Mass., Concord—CHURCH—Trinitarian Congregational Church, c/o Froham, Robb & Little, 140 Boylston St., 1 story and basement, 65 x 100 ft., brick and stone, Walden St., to D. F. & W. C. Burns, Inc., 9 Park St., Boston. Archts. est. $150,000. Noted Aug. 6.

Mass., Lawrence — SCHOOL — Sacred Heart Roman Catholic Church, A. Millet, pastor, 3 story and basement, 65 x 75 ft., brick and steel, Hawley St., to Bourque Contg. Co., 47 Beacon St. Archts. est. $150,000. Noted July 16.

Mass., Ludlow—HIGH SCHOOL—School Building Comn., 2 story and basement, brick and stone, Chestnut St., to E. J. Pinney, Inc., 374 Main St., Springfield. Archts. est. $150,000. Noted July 23.

Mass., Springfield—SCHOOL—Dept. Pub. Buildings, 2 story and basement, 100 x 120 ft. brick and steel, Seymour St. to E. J. Pinney Inc., 374 Main St. Archts. est. $150,000. Noted Mar. 12.

Mass., Swampscott — SCHOOL — School Bd. 2 story and basement, brick and limestone, addition to Hadley School, Reddington St., to A. E. Steinert, Bay State Bldg., Lawrence. Archts. est. $150,000. Noted July 16.

Mass., Weymouth (Ind. branch Boston)—SCHOOL—School Comn., 2 story and basement, brick, Bridge St., to F. J. Green, 290 Chestnut St., Lynn. Archts. est. $150,000.

Mass., Worcester — LIBRARY — Holy Cross College, J. W. Dinard, pres. 3 story and basement, 64 x 174 ft. brick and limestone, to McDermott Bros., 44 Elm St. Archts. est. $500,000. Noted July 23.

N. H., Lebanon—HIGH SCHOOL—Town, School Bd. 2 story and basement, 100 x 132 ft., brick, steel and timber, plain foundation, to W. H. Trumbull, Hanover. Archts. est. $150,000. Noted July 23.

Conn., Stamford—CHURCH—St. John's Roman Catholic Church, J. C. O'Brien, pastor, 1 story and basement, 65 x 160 ft., brick and stone, church and tower, Atlantic & Bell Sts. to M. A. Durrschmidt, 100 Main St., Derby. Archts. est. $150,000.

Pa., Erie—HIGH SCHOOL—Bd. Educ., R. S. Scobell, bus. mgr., 2 story and basement, 188 x 279 ft., brick, steel and concrete, to Yeager & Son, Danville, Ill. $479,445. Noted July 16.

Pa., Waynesburg—CHURCH—First Presbyterian Church, 2 story and basement, 40 x 70 and 50 x 100 ft., brick and steel, to E. Wehr, Highland Bldg., Pittsburgh. Archts. est. $150,000.

Md., Baltimore—PAROCHIAL SCHOOL—St. Anthony's Parochial School, 2 story and basement, 67 x 100 ft. with 54 x 58 ft. wing, to Frainie Bros. & Haigley, 19 West Franklin St., $150,000. Noted Mar. 19.

Tenn., Memphis—SCHOOL—Bd. Educ. 3 story, 180 x 250 ft. rein.-con. and brick Lauderdale St. to Hanson-Worden Constr. Co., Lyceum Bldg., $179,800. Noted Mar. 13.

Ill., Kankakee—SCHOOL—Bd. Educ., general contract for 3 story and basement, rein.-con., brick and stone school, to J. McMoroff & Son, Kankakee, $338,900; plumbing, to Ryan Plumbing Co., Danville, $24,467; heating and ventilating, to Peters-Eichler Co., 1516 Pine St., St. Louis, Mo., $67,983. Grand total $431,350. Noted July 2.

Ill., Mundelein—SEMINARY—St. Mary of Lake Seminary, J. F. Kealy, pastor, general contract 2 story and basement, 50 x 150 ft., rein.-con. brick and stone, seminary to Thompson-Starrett & Co., 104 South Michigan Ave., Chicago. Archts est. $150,000.

Ia., Waverly—SCHOOL—Bd. Educ. 3 story, 130 x 180 ft. rein.-con., brick and stone to Currie Constr. Co., Waterloo, $157,158. Noted July 9.

Okla., Okmulgee — CHURCH — St. Anthony Roman Catholic Congregation, U. D. Hasque, pastor, 1 story and basement, 58 x 160 ft., brick, tile and stucco, church, also 2 story, brick parish house, to Dennehy Constr. Co., P. O. Box 423, Henryetta, $101,000. Noted March 19.

Tex., San Antonio—DORMITORY—Westmoreland College, 726 West Waco St., 3 story and part basement, 63 x 166 ft. rein.-con. brick and steel, plain foundation, to W. C. Thralekill, Builders Exch. Bldg., $153,000. Noted June 18.

Ont., Toronto—CHURCH—First Baptist Church, W. T. Graham, 63 Simpson Ave., rector, 1 and 2 story and basement, 80 x 100 ft., brick and stone, First and Bolton Aves. to Gatehouse Bros., 2 Wineva Ave., Engrs. est. $175,000. Noted Apr. 23.

Unclassified

PROPOSED WORK

Playground—West Roxbury (Boston P. O.), **Mass.**—Street Layingout Dept. plans playground Cornwall St. and Brookside Ave. $25,000. J. F. Sullivan, secy.

Ky., Paducah—Golf Course, Swimming Pool, Etc.—Lake View Country Club plans 290-acre golf course, 20-acre lake for swimming pool, etc. $100,000.

Swimming Pool—Childress, Tex.—Chamber of Commerce, c/o J. Deberport, secy. plans 50 x 105 ft. swimming pool, auditorium with 1,500 seating capacity, walks, etc. $60,000.

Lighting System—Mesa, Ariz.—Plans improving electric light and gas systems. $98,500. A. A. Wailand, Pueblo, Colo., engr. Noted Aug. 6.

Gasoline Service Stations—Toronto, Ont.—Imperial Oil Co., Imperial Oil Bldg., plans four 1 story brick, concrete and steel gasoline service stations. $125,000. Company engr.

BIDS DESIRED

Heating, etc.—Marlborough, Mass.—Aug. 17, by Mayor's Office, heating and ventilating system in old high school, and connections and piping, in new high school. $25,000.

Heating and Ventilating—Northampton, Mass.—Aug. 19, by Dept. Mental Diseases, heating and ventilating system in New Ward Building at Northampton State Hospital. To exceed $25,000. W. A. Merrill, bus. agt. State House.

Subway—New York, N. Y.—Aug. 18, by Bd. Transportation, 49 Lafayette St., construction of Sect. 5, Route 78, under St. Nicholas Ave., from West 149th to West 160th Sts.

Stadium—Lawrence, Kan.—Aug. 22, by President Haskell Stadium Corp., two unit, rein.-con. stadium, 10,000 seating capacity, $80,000 to $150,000. Noted July 30.

BIDS RECEIVED

Park — Lawrence, Mass. — City, Council Room, City Hall, constructing Memorial Park, Dry Dock Rd. from W. J. Delaney, Box, 329 $135,182.

Beach—Coney Island (Brooklyn P. O.) **N. Y.**—J. A. Guider, pres. Brooklyn Boro, Boro Hall, improving and protection of Public Beach here from Merritt Chapman & Scott, Battery Place, New York City, $929,845. Noted July 30.

CONTRACTS AWARDED

Rip Rap—Boston, Mass.—Dept. Pub. Wks., 1,600 tons rip rap for protection to sea walls at Commonwealth Pier 5, at Northern Ave., to W. R. Farrell, 63 Long Wharf, $10,848.

Concrete Posts—Milwaukee, Wis.—Central Bd. Purchases, 569 concrete posts and brackets for Bureau of Illumination, to Westinghouse Electric & Manufacturing Co., 425 East Water St., $25,280.

Swimming Pool—Phila., Pa., Dept. Pub Welfare, City Hall, 28 x 120 ft., bath house and 36 x 94 ft. pool, 26th and South Sts. to Conneen Constr. Co., 2315 Walnut St. $32,972. Noted Aug. 6.

Stadium—Madison, Wis.—University of Wisconsin, M. McCaffery, secy., rein.-con. and steel addition to stadium at Randall Camp, to G. Nelson, 425 Few St. Noted July 23.

Gas Pipe Line, Kansas—American Pipe Line Co., c/o Empire Co., 25 mi. of 14 in. gas pipe line in Elk Co., to Conner Constr. Co., Huntington Rd., Kansas City, Mo. $635,000, archts. est. $650,000, also 35 mi. 14 in. gas pipe line in Wilson Co., to Sheehan Pipe Line Constr. Co., Cosden Bldg., Tulsa, Okla., $861,000, archts. est. $875,000.

Stadium—Norman Okla.—University of Oklahoma, 1 story, 246 x 490 ft., rein.-con. stadium on Campus, to Campbell & Price, Oklahoma City, $650,000 cost plus. Archts. est. $650,000.

Federal Government Work

BIDS DESIRED

Conn., Norwalk—Rip Rap Stone—Aug. 17 by Supt. Lighthouses, Staten Island, N. Y., furnishing and placing 2,800 tons rip rap stone for beacon light foundations at White Rock Reef and Round Beach, Sheffield Harbor.

D. C., Washington—Coal and Ash Handling Equipment—Aug. 26, by Bureau of Yards & Docks, Navy Dept. coal and ash handling equipment. (Spec. 5130).

Ga., Augusta—Roads—Aug. 25th by U. S. Veterans' Bureau, Washington, D. C. Concrete roads at U. S. Veterans Hospital 62.

Tex., Galveston—Barge—Sept. 5 by U. S. Engineer Office, furnishing 2,000 bbl. steel oil barge, adv. E. N.-R. Aug. 13.

Calif., San Diego—Freight Elevator—Spec. 5129—Aug. 26, by Bureau Yards and Docks, Navy Dept., Wash., D. C. electric freight elevator, here. Noted July 30.

BIDS RECEIVED

Pa., Phila.—Stone—U. S. Engineer Office, furnishing and placing stone in ice piers at Harbor of Refuge, Delaware Bay, from Triest Contg. Corp., 247 Park Ave., New York City, $120,645. Noted July 16.

Ky., Louisville—Metal Work—U. S. Engineers Office, P. O. Box 72, fixed metal work for Navigable Passes for Dams, 49 and 50, from Wright Machine Co., Owensboro, Ky., Lot C, for dam 49, $5,788, Lot D, for dam 50, $5,988, from Amer. Car & Fdry. Co., Jeffersonville, Ind., Lot A, for dam 49, $13,160, Lot B, for dam 50 $13,470, from J. & J. B. Milholland Co., 714 5th Ave., Pittsburgh, Pa., Lot E for dam 50, $1,657. Noted July 23.

Ky., Louisville—Sheet Piling—U. S. Engineer Office, P. O. Box 72, steel sheet piling for Lock and Dam 50, Ohio River, from Carnegie Steel Co., Carnegie Bldg., Pittsburgh, Pa. $23,336. Noted July 23.

CONTRACTS AWARDED

Fla., Lake City—Hospital—U. S. Veterans' Bureau, Room 791 Arlington Bldg., Wash. D. C. mess hall, kitchen, and garage at State Hospital 63, to D. D. Thomas & Son, P.O. Box 744, Memphis, Tenn. $112,952. Former contract canceled. Noted June 27.

Materials

CONTRACTS AWARDED

Road Oil, Etc.—Knoxville, Ill.—Knox Twp. furnishing 30,000 to 50,000 gal. road oil, to Cabell Petroleum Co., Arcade Bldg., St. Louis, Mo., at $0.0518 per gal. f.o.b. Knoxville. Noted July 9.

SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

Rate: 40 Cents a Line an Insertion

Plans and Specifications for inspection by distant bidders may be filed at any of the Engineering News-Record offices without charge.

THESE ARE OFFICIAL NOTICES THAT BIDS ARE WANTED FROM BIDDERS EVERYWHERE

E.N.-R.

OFFICIAL PROPOSALS

Bids: Sept. 4.

Additions to the Sanitary Sewer System

Sebring, Fla.

Sealed proposals for furnishing material and constructing additions to the Sanitary Sewer System for the Town of Sebring, Florida, will be received by the Mayor and Council at the City Clerk's office until 2:00 P.M., September 4th, 1925.

The Sewer System will consist of approximately 2,400 ft. of 8" vitrified pipe, with manholes, flush tanks, and appurtenances, two sewage pumping stations, and a disposal plant consisting of sedimentation tanks, sand filters and appurtenances, together with about 1,000 ft. of 6" C.I. force main.

Each proposal must be accompanied by a certified check, payable to the Town of Sebring, Florida, to an amount equal to five (5) per cent of the bid, as a guarantee that the contract will be entered into if awarded. A bond in the full amount of the contract price will be required. Payments will be made on monthly estimates.

Plans and specifications are on file in the office of the City Clerk, at Sebring, Florida, and with the Office of Paul H. Norcross, Engineers, 1404 Candler Building, Atlanta, Georgia.

Bidders may obtain copies from the Engineers by enclosing certified check for twenty-five $25.00) dollars, payable to the Town of Sebring. If blue prints are desired they may be had at the cost of printing. If the plans, specifications and blue prints are returned within thirty days after opening bids, the check for twenty-five dollars will be returned.

A. E. LAWRENCE, Mayor,
A. M. WOLFE, City Clerk.

Office of
PAUL H. NORCROSS,
Consulting Engineers,
1404 Candler Building,
Atlanta, Georgia.

Bids: August 18.

Road Work

DEPARTMENT OF PUBLIC WORKS
STATE OF MARYLAND
STATE ROADS COMMISSION

Baltimore, Md.

Sealed proposals for building one section of State Highway, as follows:

Kent County. Cont. K-29. One section of State highway from end of Cont. K-26 to Crosby, a distance of 1.25 miles. (Concrete).

will be received by the State Roads Commission, at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M. on the 18th day of August, 1925, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form which, with specifications and plans will be furnished by the Commission upon application and cash payment of $1.00, as hereafter no charges will be permitted.

No bids will be received unless accompanied by a certified check for the sum of Five Hundred ($500) Dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond, and comply with the Acts of the General Assembly of Maryland, respecting contracts.

The Commission reserves the right to reject any and all bids.

By order of the State Roads Commission this 4th day of August, 1925.

JOHN N. MACKALL, Chairman.
L. H. STEUART, Secretary.

OFFICIAL PROPOSALS

Bids: August 18.

Road Work

DEPARTMENT OF PUBLIC WORKS
STATE OF MARYLAND
STATE ROADS COMMISSION

Baltimore, Md.

Sealed proposals for building one section of State Highway, as follows:

Cecil County. Cont. Ce-49. One section of State highway through Chesapeake City, for a distance of 0.54 mile. (Concrete).

will be received by the State Roads Commission, at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M. on the 18th day of August, 1925, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form which, with specifications and plans will be furnished by the Commission upon application and cash payment of $1.00, as hereafter no charges will be permitted.

No bids will be received unless accompanied by a certified check for the sum of Five Hundred ($500) Dollars, payable to the State Roads Commission.

The succesful bidder will be required to give bond, and comply with the Acts of the General Assembly of Maryland, respecting contracts.

The Commission reserves the right to reject any and all bids.

By order of the State Roads Commission this 31st day of July, 1925.

L. H. STEUART, Secretary.
JOHN N. MACKALL, Chairman.

Bids: August 25.

Street Improvement

Auburn, N. Y.

Sealed proposals will be received by Hon. John P. Jaeckel, City Manager, at his office, City Hall, Auburn, N. Y., until 8:00 P.M., Tuesday, August 25, 1925, for the paving improvement of Park Avenue.

Proposals will be received for Sheet Asphalt, Asphaltic Concrete, Warrenite Bitulithic and Cement Concrete pavements, the type to be selected after proposals have been received.

The quantities will approximate 2,000 cu.yds. excavation, 3,500 ft. concrete curbing and 6,100 sq.yds. pavement, together with other work incidental to the improvement. Plans and specifications are on file in the office of the City Engineer, M. F. Dullea, Auburn, N. Y. Proposals shall be submitted upon forms provided by the City Engineer and a certified check payable to the City of Auburn for 2½% of the price bid must accompany each proposal. The City reserves the right to reject any and all bids.

JOHN P. JAECKEL,
City Manager.

Bids: Sept. 1

Road Work

Elizabeth City, N. C.

Bids desired Sept. 1 by the Pasquotank Highway Commission, Elizabeth City, N. C. S. G. Scott, Chairman, for hard surfacing Simonds Creek Road, three miles long Project No. 4. J. R. Ford, Engineer, Box 232. Plans and specifications may be seen in the office of the Pasquotank Highway Commission, Elizabeth City, N. C. Plans will be sent upon receipt of ten dollars deposit. Right reserved to reject all bids.

OFFICIAL PROPOSALS

Bids: August 18.

Hospital Building

Buffalo, N. Y.

Sealed proposals for Construction—HOSPITAL BUILDING—STATE INSTITUTE FOR THE STUDY OF MALIGNANT DISEASE, BUFFALO, N. Y., will be received by Chairman, Board of Trustees, State Institute for the Study of Malignant Disease, Buffalo, N. Y., until 2 o'clock P.M. (Eastern Standard Time), Tuesday, August 18, 1925, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit as a guarantee that bidder will enter into the contract if awarded same. Deposit shall consist of a certified check drawn upon some legally incorporated bank in this State and made payable to the State of New York, or money equal to 5% of the amount of proposal. The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty days after official notice of award of contract and in accordance with the terms of Specification No. 4457. The right is reserved to reject any or all bids. Drawings and specifications may be examined at State Institute for the Study of Malignant Disease, Buffalo, N. Y.; at the New York Office of the Department of Architecture, 18th Floor Flatiron Building, Broadway & 23rd Street; and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained by persons or firms engaged in the line of work required at the discretion of the Architect from the Department of Architecture, Capitol, Albany, N. Y.

Dated: Aug. 7, 1925.

Bids: August 24

Waterworks Pumping Equipment

Kennett Square, Pa.

Sealed bids will be received at the Council Chamber, Kennett Square, Pa., until 7:00 P. M. (Standard Time) August 24, 1925, at which time and place they will be publicly opened and read; for furnishing and installing two centrifugal pumps and motors, for constructing 12 inch Cast Iron Force Main, and for furnishing electrical control equipment for the waterworks pumping station.

Plans, specifications and bidding blanks may be obtained from Albright & Mebus, Civil Engineers, 1502 Locust Street, Philadelphia, Pa., upon deposit of $5.00 which sum will be refunded upon the return of said plans and specifications in good condition.

Bids must be accompanied by a certified check drawn to the order of the Borough of Kennett Square, in the sum of Three Hundred Dollars ($300.00) as guaranty that the successful bidder will execute the contract as required.

Council of Kennett Square reserves the right to reeject any or all bids.

W. E. VOORHEES,
Secretary to Borough Council.